IBM eserver iSeries Pocket Handbook

Version 5 Release 2 January 2003

The next generation iSeries… simplicity in an on demand world

A convenient, quick reference for iSeries capacities and facts

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IBM @server iSeries Pocket Handbook Version 5 Release 2

January 2003

SG24-9406-02

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Third Edition (January 2003)

This edition applies to Version 5, Release 2, Modification 0 of the IBM @server iSeries servers.

Contents

Preface

This IBM Redbook serves as a pocket handbook and quick reference for IBM Specialists, Sales Representatives, and Business Partners who are already familiar with the offerings of the IBM @server iSeries server and Operating System/400 (OS/400). This document is ideal for providing customers and prospects with a quick view of the capabilities and power of the iSeries servers currently marketed by IBM.

This pocket handbook identifies the capacities, minimum configuration, and optional features for each iSeries 270, 800, 810, 820, 825, 830, 840, 870, and 890 server. Consult the *IBM @server iSeries Handbook*, GA19-5486, for technical details of the features and functions summarized here. You can find the configuration options and placement rules in the *IBM @server iSeries and AS/400e Builder*, SG24-2155, and upgrade information in *AS/400e to IBM @server iSeries Migration: A Guide to System Upgrades*, SG24-6055, and in *IBM @server iSeries Supported Upgrades*, REDP0322.

Note: The information in this handbook is based on the detailed information that is in the parent manuals *IBM @server iSeries Handbook*, GA19-5486, and *IBM @server iSeries and AS/400e Builder*, SG24-2155.

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Operating system and software

This section lists key information for OS/400. It includes such information as product ID and HIPO representations, the processors supported by Version 5, software products with a usage number charge, and the contents of ValuPak software. It also includes supported software upgrade paths, *PRV support levels, and dates of OS/400 availability and support.

Version 5 OS/400 software table

The following table identifies Version 5 software products, their product ID, and the HIPO feature for the software preload product 5372-IS5. The products are listed in product ID order (57nn-*product ID*) within the functional grouping of operating system, database-related, complementary software, networking, system management, application development, printing and document handling, and additional and packaged products.

Version 5 operating system software	Product ID	V5R1 HIPO	V5R2 HIPO
Operating System/400	5722-SS1	1000	1000
Media and Storage Extensions	Option 18	1500	1500
OptiConnect	Option 23	1515	1515
DB2 Symmetric Multiprocessing	Option 26	1517	1517
DB2 MultiSystem	Option 27	1518	1518
Print Services Facilities			
1-45 ipm	Option 36	-	1501
1-100 ipm	Option 37	-	1502
Any	Option 38	1503	1503
HA Switchable Resource	Option 41	1505	1505
HA Journal Performance [2]	Option 42	-	1545
Version 5 OS/400 complementary database software	**Product ID**	**V5R1 HIPO**	**V5R2 HIPO**
DB2 OLAP Server for iSeries V7.1	5686-OLP	-	-
QMF for Windows for iSeries	5697-G24 [1]	-	-
DB2 Table Editor for iSeries	5697-G84 [1]	-	-
DB2 Web Query Tool	5697-G85 [1]	-	-
DB2 Universal Database Extenders for iSeries V7.2 *	5722-DE1	-	1004
DataPropagator V8.1 [2]	5722-DP4	-	1035
Query	5722-QU1	1009	1009
DB2 Query Manager and SQL Development Kit for iSeries	5722-ST1	1011	1011
Warehouse Manager for iSeries	5724-B08 [1]	-	-
DB2 Intelligent Miner for Data V6.1	5733-IM3 [1]	-	-

Version 5 OS/400 complementary software	Product ID	V5R1 HIPO	V5R2 HIPO
S/38 Utilities	5722-DB1	1521	1021
HTTP Server *	5722-DG1	-	-
IBM Toolbox for Java *	5722-JC1	-	-
IBM Developer Kit for Java *	5722-JV1	-	-
TCP/IP Connectivity Utilities *	5722-TC1	-	-
iSeries Integration - Windows Server *	5722-WSV	-	-
Client Access Express - Windows/iSeries Access for Windows *	5722-XE1	-	-
Networking products	**Product ID**	**V5R1 HIPO**	**V5R2 HIPO**
Netvista Thin Client Manager, V2R1	5648-C07/ 5648-C08	-	-
Communications Server for Windows NT	5639-F25 [1]	-	-
Personal Communications for Windows Version 5.5	5639-I70 [1]	-	-
Cryptographic Access Provider 128-bit *	5722-AC3	1017	1017
iSeries Client Encryption (128-bit) *	5722-CE3	1019	1019
Communications Utilities	5722-CM1	1003	1003
Cryptographic Support	5722-CR1	1520	1020
iSeries Access for Windows	5722-XE1	-	-
iSeries Access for Web [2]	5722-XH2	-	-
iSeries Access for Wireless [2] *	5722-XP1	-	-
iSeries Client Access Family/ iSeries Access	5722-XW1	1012	1012 1013
MQSeries V5.2	5733-A38 [1]	-	-
Host On-Demand	5733-A59 [1]	-	-
iSeries ODBC Driver for Linux	5733-LO1	-	-
DCE Base Services	5769-DC1 [1]	1023	1023
DCE DES Library Routines	5769-DC3 [1]	1024	1024
Electronic Service Agent for iSeries	5798-RZG *	-	-
System management products	**Product ID**	**V5R1 HIPO**	**V5R2 HIPO**
Tivoli Management Agent *	1TME-LCF	-	-
Patrol for iSeries - Predict [2]	5620-FIF	-	-
Tivoli Storage Manager Enterprise Edition V5.1	5698-ISE	-	-
Backup Recovery and Media Services Network Advanced	5722-BR1 Option 1 Option 2	1002 1506 1507	1002 1506 1507
Advanced Job Scheduler	5722-JS1	1007	1007
Managed System Services	5722-MG1	1030	1030
Performance Tools Manager Agent	5722-PT1 Option 1 Option 2	1008 1508 1509	1008 1508 1509
Content Manager OnDemand PDF Indexer Web Enabler	5722-RD1	1010 1510 1511	1010 1510 1511
System Manager	5722-SM1	1032	1032

Application development products	Product ID	V5R1 HIPO	V5R2 HIPO
Screen Customizer Version 2.0.60	5648-D76 [1]	-	-
CICS Transaction Server	5722-DFH	1025	1025
Application Program Driver for AS/400	5722-PD1 [1]	1031	1031
WebSphere Development Studio	5722-WDS	1015	1015
WebSphere Commerce Product	5724-A18	-	-
Lotus Domino for iSeries	5733-LD6 [1]	-	-
QuickPlace for iSeries	5733-LQP [1]	-	-
XML Toolkit for iSeries	5733-XT1 [1]	-	-
Lotus Domino for iSeries	5769-LNT [1]	-	-
VisualAge Generator Server	5769-VG1 [1]	1033	1033
WebSphere and e-business	**Product ID**	**V5R1 HIPO**	**V5R2 HIPO**
WebSphere Application Server - Express V5.0 for iSeries	5722-IWE	-	-
WebSphere Personalization V4	5733-A69	-	-
Connect for iSeries V2	5733-CO2	-	-
WebSphere Commerce Payments	5733-PY3 [1]	-	-
128-bit WebSphere Advanced Edition V4.0.1	5733-WA4 [1]	6000	6000
WebSphere Commerce for iSeries, Version 5.4	5733-WC5 [1]	-	-
WebSphere Application Server V4.0 - Advanced Single Server Edition for iSeries	5733-WS4 [1]	-	-
WebSphere Application Server V5.0 for iSeries WebSphere Application Server V5.0 - Network Deployment for iSeries	5733-WS5	-	-
Printing and document handling products	**Product ID**	**V5R1 HIPO**	**V5R2 HIPO**
AFP Font Collection for Workstation and OS/400	5648-B45	-	-
AFPU	5722-AF1	1001	1001
Advanced DBCS Printer IPDS	5722-AP1 Option 1	1014 -	1014 1514
Business Graphics Utility	5722-DS1	1027	1027
Infoprint Server for iSeries	5722-IP1	1006	1006
Content Manager	5722-VI1 [1]	1034	1034
Infoprint Designer for iSeries	5733-ID1 [1]	6003	6003
Dictionaries and Linguistic Tools	5769-DL1 [1]	1026	1026
AFP DBCS/Various Fonts	5769-FN1 [1]	1535-1539	1535 - 1539
AFP Fonts/Various Fonts	5769-FNT [1]	1520-1534	1520 - 1534
AFP PrintSuite	5798-AF3 [1]	-	-
Facsimile Support	5798-FAX	-	-
Additional and packaged products	**Product ID**	**V5R1 HIPO**	**V5R2 HIPO**
Host Access Client Package for Multiplatforms, Version 3.0 [2] Personal Communications V5.6 Screen Customizer V2.0.70 WebSphere Host On-Demand V7.0	5648-E81	N/A	-

ValuPak for V5R1 and V5R2: 5722-SS1: OS/400 5722-SS1: 1-45 ipm feature 5722-XW1: Client Access Family/iSeries Access 5722-QU1: Query 400 5722-ST1: DB2/400 Query Manager and SQL Development Kit 5722-PT1: Performance Tools (Manager feature)	5722-VPI	-	-
Host Access Client Package for iSeries, Version 3.0 [2] Personal Communications V5.6 Screen Customizer Version 2.0.70 WebSphere Host On-Demand V7.0	5733-A78	N/A	-
Domino Fax for iSeries	5733-FXD [1]	-	-
Inactivate Software Keys [2]	5733-NKY	-	-
Lotus Enterprise Integrator	5769-LNP	-	-

Notes:

* (After the V5R*n* software description) Indicates the product is offered as a no-extra-charge feature.

1 (By the product ID) Indicates the product is skip-shipped at V5R1.

2 (By the product description) Indicates the product is new at V5R2.

OS/400 Version 5 supported processors

Version 5 Release 2, with the February 2003 level of LIC and Cumulative PTF package C3021520 or later, supports the 9402, 9404, and 9406 iSeries Models 800, 810, 825, 870, and 890 (#2497, #2498).

Version 5 Release 2 and Version 5 Release 1 support these iSeries and AS/400e (RISC) models:

- 9401 AS/400e Model 150
- 9402, 9404, and 9406 AS/400e Models 170, 250, 720, 730, 740, and SB1
- 9402, 9404, and 9406 AS/400e Models 600, 620, 640, 650, and S10, S20, S30, S40
- 9402, 9404, and 9406 iSeries Models 270, 820, 830, 840, SB2, and SB3
- 9406 iSeries Model 890 (#0197, #0198, #2487, #2488)

Version 5 Release 1 supports these iSeries and AS/400e (RISC) models:

- 9402 and 9404 AS/400e Models 400, 40S
- 9404 and 9406 AS/400e Models 50S, 53S

CISC models are supported by OS/400 V1R2 through V3R2. SB1 models are supported by V4R1.

Supported OS/400 upgrade paths

To: / From:	V5R1	V5R2
V4R4	Y	-
V4R5	Y	Y
V5R1	-	Y

Current to previous release support

Values for the TGTRLS parameter			
Current OS/400 release	**CURRENT**	**PRV**	**Other valid values**
V5R2	V5R2	V5R1	V4R5
V5R1	V5R1	V4R5	V4R4
V4R5	V4R5	V4R4	V4R3 V4R2 V3R2
V4R4	V4R4	V4R3	V4R2 V3R2
V4R3	V4R3	V4R2	V4R1 V3R7 V3R2
V3R7	V3R7	V3R6	V3R2 V3R1 V3R0M5

OS/400 availability and support dates

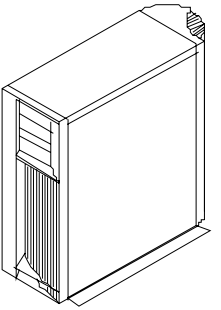
OS/400 release	General availability	End of marketing	End of program support
V5R2	30 August 2002	---	31 May 2003 31 May 2004 *
V5R1	25 May 2001	---	31 May 2003 * 31 May 2004 *
V4R5	28 July 2000	2 July 2002	31 December 2002
V4R4	21 May 1999	31 May 2001	31 May 2001
V4R3	11 September 1998	15 February 2000	31 January 2001
V4R2	27 February 1998	09 February 1999	31 May 2000
V4R1	29 August 1997	09 February 1999	31 May 2000
V3R7	08 November 1996	01 September 1998	30 June 1999
V3R6	29 September 1995	19 August 1997	31 October 1998
V3R2	21 June 1996	10 February 1998	31 May 2000
V3R1	30 June 1995	11 February 1997	31 October 1998
V3R0.5	03 June 1994	11 February 1997	31 May 1997
R7.5 SSP	08 March 1996	09 February 1999	31 May 2000

***** Announced minimum date of support via Software Maintenance Agreement or Support Line contract. Actual termination date is declared with 12-month notice.

iSeries Model 270

The Model 270 delivers the performance, reliability, and security needed for applications that span from core business to e-business. With one- and two-way processor options, the Model 270 offers five times the performance scalability from top to bottom. Processor upgrades are offered within the Model 270.

This section identifies the base components and capacities for each iSeries Model 270, including the 270 Dedicated Server for Domino models. It includes the summary charts for each processing unit.



iSeries Model 270 system unit

Model 270 minimum and optional configuration

A minimum functional server consists of the base server unit and selected features. The base server includes:

- Physical package and power elements
- Operator panel without a key stick
- DASD cage
- Two HSL ports
- Seven PCI card slots
- Two removable media slots
- Embedded Base PCI IOP
- #9771 Base PCI Two-Line WAN with integrated modem
- #9767 Base PCI Disk Unit Controller
- Base console IOA
- Hot plug PCI only on #2434 processor

Options to rack mount the iSeries server 270 are available.

Order these *required* priced features:

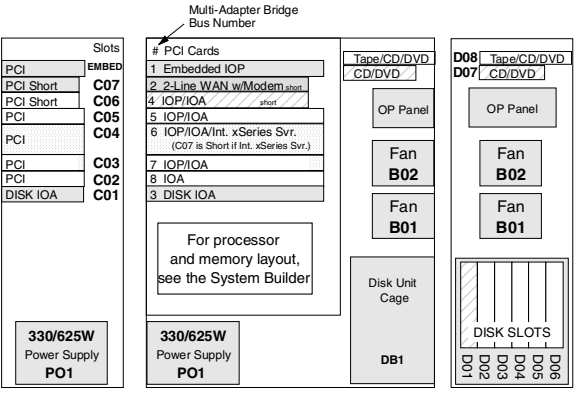
- Processor (#2431, #2432, #2434, #2452, or #2454)
- 5250 CPW feature (#1516, #1518, #1519, or #1520)
- Main storage (128 MB, 256 MB, 512 MB, and 1 GB options)
- PCI disk unit controller (#2757, #2763, #2782, or #4778)
- Internal disk unit (#4318 17.54 GB 10k RPM, or #4319 35.16 GB 10k RPM)

- Integrated optical (#4525 CD-ROM, #4530 DVD-RAM, or #4531 DVD-ROM)
- System console attachment adapter or cable
- Uninterruptible Power Supply (UPS) recommended

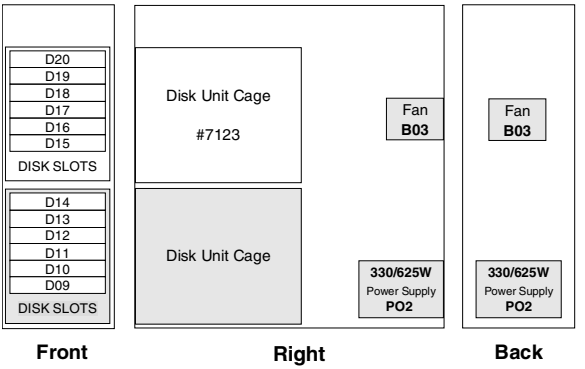
The initial installation is Customer Setup (CSU). Model upgrades are performed by IBM Service Representatives.

Model 270 system schematics

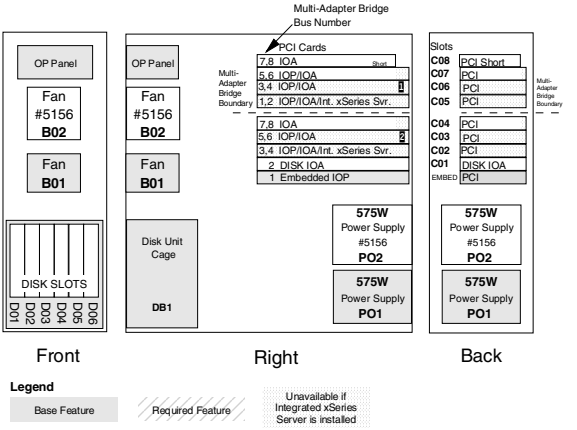
The following diagrams illustrate the card layout of the Model 270 system unit and supported expansion towers.



Model 270 #7104 System Unit Expansion DASD Sidecar



#5075 PCI Expansion Tower



Model 270 capacity charts

Unless otherwise stated, all values quoted in the capacity charts represent the maximum number allowed.

	Model 270		
Processor feature	**2431**	**2432**	**2434**
Relative system perf.			
Processor CPW	465	1070	2350
5250 CPW			
1516 (Base)	-	0	0
1517	-	-	-
1518	30	-	-
1519	-	50	-
1520	-	-	70
Number/type/ speed of processors	1/SStar/540 Mhz	1/SStar/ 540 Mhz	2/SStar/600 Mhz
L2 Cache (MB)/processor	0	2	4
Main storage (MB)	256 -8192	256 - 8192	256 - 16384
Main storage DIMMs	1/8	1/8	2/16
Minimum OS/400	V5R1	V5R1	V5R1
Software group	P10	P10/P10	P20/P20

	Model 270	
Processor feature	**2452 Dedicated Server for Domino**	**2454 Dedicated Server for Domino**
Relative system performance		
Processor CPW	100	240
5250 CPW	0	0
Mail and Calendar Users	3070	6660
Number/type/speed of processors	1/SStar/540 Mhz	2/SStar/600 Mhz
L2 Cache (MB)	2	4
Main storage (MB)	256 - 8192	256 - 16384

Main storage DIMMs	1/8	2/16
Minimum OS/400	V5R1	V5R1
Software group	P05	P10

Summary	Base system	System Unit Expansion 7104	PCI Exp. Tower 5075/5095	Total maximum
Disk storage (GB)				
Internal minimum	8.58	-	-	8.58
Internal maximum	210.9	421.9	210.9	843.9
External maximum	808.7	-	808.7	808.7
Total maximum	843.9	421.9	808.7	843.9
Internal DASD arms	6	12	6/12	24
External LUNs	23	-	23	23
HSL ports	2	-	-	2
HSL loops	1	-	-	1
5075 Towers supported	1	-	-	1
External xSeries Servers	2	-	-	2
Embedded IOP	1	-	1/0	2
PCI card slots	7	-	8/7	15
PCI IOA cards	6	-	7/5	13
Communication lines	26	-	34	50
LAN ports	4	-	5	8
Integrated xSeries Servers	1	-	2	3
Twinaxial WSCs	4	-	6/5	6
Twinaxial workstations	160	-	240	240
Internal DVD/tape	2	-	-	2
External tape	3	-	3	3
External CD/DVD	3	-	3	3
Tape libraries	3	-	3	3
Optical libraries	4	-	4	4
Cryptographic processor	3	-	3	3

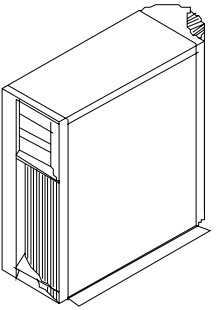
Note: The number of external media devices can be higher in an LPAR environment.

Software group is determined by a combination of the processor and 5250 CPW feature. The following table provides a cross reference.

Processor	5250 CPW feature	Processor feature	Software group
2431	1518	23E7	P10
2432	1516	23F0	P10
	1519	23F1	P10
2434	1516	23F0	P10
	1519	23F1	P10
2452	N/A	2452	P05
2454	N/A	2454	P10

iSeries Model 800

The Model 800 is the most affordable iSeries server with solutions that are specifically designed for small businesses. It provides support for multiple operating systems, Web modernization, 5250 online transaction processing, e-business, data management, and more. Options to rack mount the Model 800 are available.



iSeries Model 800 system unit

This section identifies the base components and capacities for the iSeries Model 800. It includes the summary charts for each processing unit.

Model 800 minimum and optional configuration

A minimum functional server consists of the base server unit and selected priced features. The base server includes:

- Physical package and power elements
- Operator panel
- Base DASD cage (six internal disk slots)
- Seven PCI card slots
- Two removable media slots
- Embedded Base PCI IOP
- #9793/#9794 Base PCI Two-Line WAN with modem
- Optional base feature
  - #9746 PCI Twinaxial IOA
  - #9749 PCI 100/10 Mbps Ethernet IOA

The *required* features include:

- Server feature
  - #0863 iSeries 800 Value Edition
  - #0864 iSeries 800 Standard Edition
  - #0865 iSeries 800 Advanced Edition
- Edition feature
  - #7400 iSeries 800 Edition feature
  - #7408 iSeries 800 Edition feature

A summary of the Model 800 Server feature offerings is included in the following table.

Server feature	0863 Value	0864 Standard	0865 Advanced
Processor CPW	300	300	950
5250 CPW	25	25	50
V5R2 processor license	1	1	1
Memory (MB)	256	512	512
Disk drive quantity/ capacity (GB)	1/17.54	2/17.54	2/17.54
Disk controller	5705 non-RAID	5705 non-RAID	5705 non-RAID
DVD-ROM	1	1	1
10/100 Mbps Ethernet LAN IOA	1	1	1
Twinaxial controller	0	1	1
Base Two-Line WAN with modem	1	1	1
30 GB ¼-inch cartridge	-	1	1
Integrated Web enablement	-	1	1

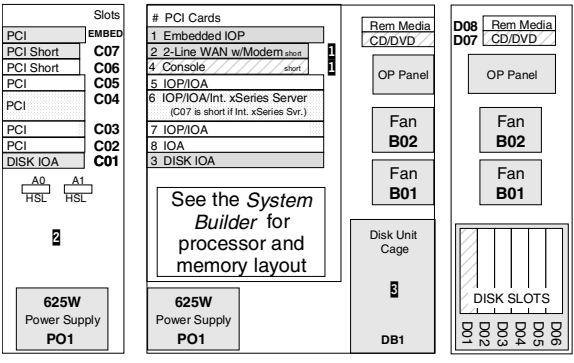
- Main storage (256 MB, 512 MB, 1 GB, or 2 GB options)
- PCI disk unit controller (#2757 PCI-X Ultra RAID Disk Controller, #2782 PCI-X RAID Disk Unit Controller, #4778 PCI RAID Disk Unit Controller, or #5705 PCI-X Tape/DASD Controller)
- Internal disk units (#4318 17.54 GB 10k RPM, #4319 35.16 GB 10k RPM, #4326 35.16 GB 15k RPM, or #4327 70.56 GB 15k RPM)
- Integrated optical (#4530 DVD-RAM or #4531 DVD-ROM)
- System console attachment adapter or cable
- Uninterruptible Power Supply (UPS) recommended

The initial installation is Customer Setup (CSU). Processor upgrades within models are performed by IBM Service Representatives.

Model 800 system schematics

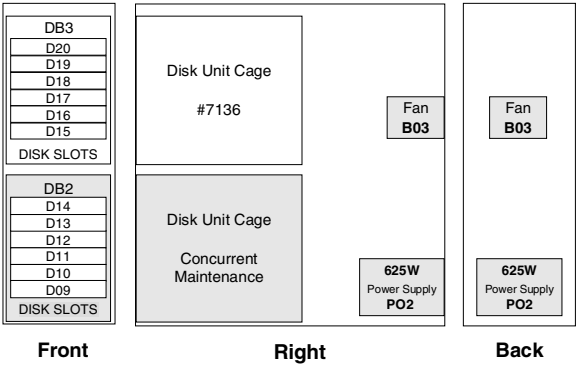
The following diagrams illustrate the card layout of the Model 800 system unit and supported expansion unit.

#2463 and #2464 Processors



Legend

Model 800 #7116 System Unit Expansion DASD Sidecar



Model 800 capacity charts

Unless otherwise stated, all values quoted in the capacity charts represent the maximum number allowed.

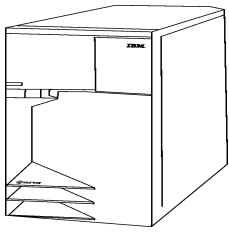
	Model 800		
Processor feature	**2463**		**2464**
Server feature	**0863**	**0864**	**0865**
Processor CPW	300	300	950
5250 CPW			
7400	25	25	
7408			50
Number/type/speed of processor (Mhz)	1/SStar/ 540	1/SStar/ 540	1/SStar/ 540
L2 Cache (MB)	0	0	2
Main storage (MB)	256 - 8192	256 - 8192	256 - 8192
Main storage DIMMs	1/8	1/8	1/8
Minimum OS/400	V5R2	V5R2	V5R2
Software group	P05	P05	P10

Numbers are for all 800 processor features	**Base system**	**System Expansion Unit 7116**	**PCI-X Exp. Tower 5095/0595**	**PCI-X Expansion Tower 5094**	**Total maximum**
Disk storage (GB)					
Internal minimum	17.5	17.5	17.5	17.5	
Internal maximum	423.3	846.7	846.7	3172.5	4445
External maximum	-	-	-	-	4375
Total maximum	-	-	-	-	4445
Internal DASD arms	6	12	12	45	63
External LUNs	-	-	-	-	62
HSL ports	2	-	-	-	-
HSL loops	1	-	-	-	1
PCI-X expansion tower	1	-	-	-	1
External xSeries Servers	3	-	-	-	3
Embedded IOP	1	-	-	-	1
PCI card slots	7	-	7	14	21
PCI IOA cards	6	-	5	11	17
Communication lines	18	-	20	44	60
LAN ports	4	-	5	11	12
Integrated xSeries Server	1	-	1	3	4
Twinaxial WSCs	4	-	5	11	15
Twinaxial workstations	160	-	200	440	600
Internal CD/DVD/tape	2	-	-	2	4
External tape	4	-	5	11	15
External optical/CD/DVD	4	-	5	11	15
Cryptographic coprocessor	4	-	3	4	4
Cryptographic accelerator	2	-	2	2	2

iSeries Model 810

The Model 810 server is designed for the demanding challenges of Web and e-business, as well as core online transaction processing (OLTP) workloads, with support for multiple operating and application environments.

This section identifies the base components and capacities for the iSeries Model 810. It includes the summary charts for each processing unit.



iSeries Model 810 system unit

Model 810 minimum and optional configuration

A minimum functional server consists of the base server unit and selected features. The base server includes:

- Physical package and power elements
- Operator panel
- DASD cage
- DASD controller
- Two HSL ports
- Seven PCI card slots (hot plugging of PCI cards with #2769 processor only)
- Two removable media slots
- #9749 Ethernet
- #9771/#9793/#9794 Base PCI Two-Line WAN with integrated modem
- Base console IOA

Options to rack mount the iSeries server 810 are available.

Order these *required* priced features:

- Processor (#2466, #2467, or #2469)
- Server feature (#0866, #0867, #0869, #0769, #0770, or #0771)
- Edition feature (Standard or Enterprise)
- Main storage (128 MB, 256 MB, 512 MB, 1 GB, and 2 GB options)
- PCI disk unit controller (#2757, #2763, #2782, #4748, #4778, and #5705)
- Internal disk unit (#4308 4.19 GB 10k RPM, #4314 8.58 GB 10k RPM, #4317 8.58 GB 10k RPM, #4318

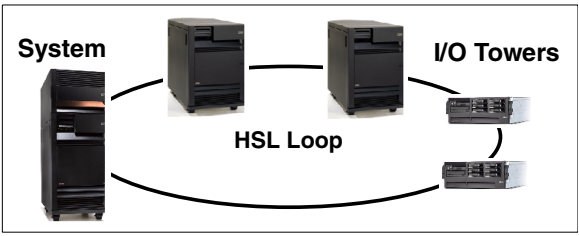
17.54 GB 10k RPM, #4319 35.16 GB 10k RPM, #4324 17.54 GB 10k RPM, #4326 35.16 GB 15k RPM, or #4327 70.56 GB 15k RPM)

- Integrated optical (#4525 CD-ROM, #4530 DVD-RAM, or #4531 DVD-ROM)
- System console attachment adapter or cable
- Uninterruptible Power Supply (UPS) recommended

The initial installation is Customer Setup (CSU). Processor upgrades within models are performed by IBM Service Representatives.

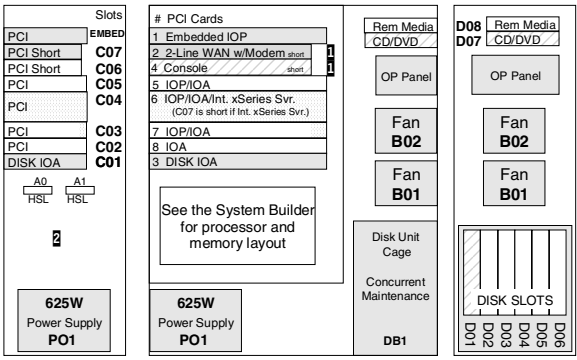
Model 810 HSL and system schematics

The Model 810 provides an external connection to expansion towers and xSeries servers. The single HSL loop supports a total of eight I/O units and Integrated xSeries Adapter-attached xSeries. The Model 810 can also participate in an HSL OptiConnect cluster.



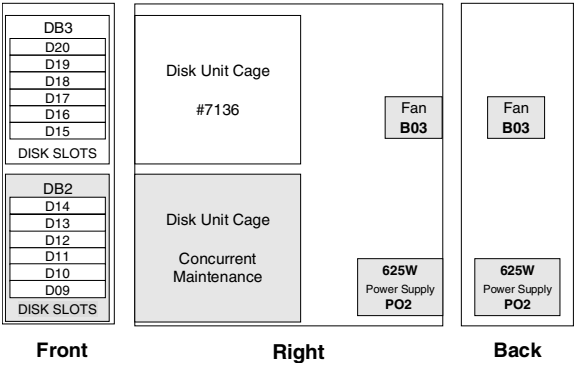
The following diagrams illustrate the card layout of the Model 810 system unit and supported expansion towers.

#2466, #2467, and #2469 Processors

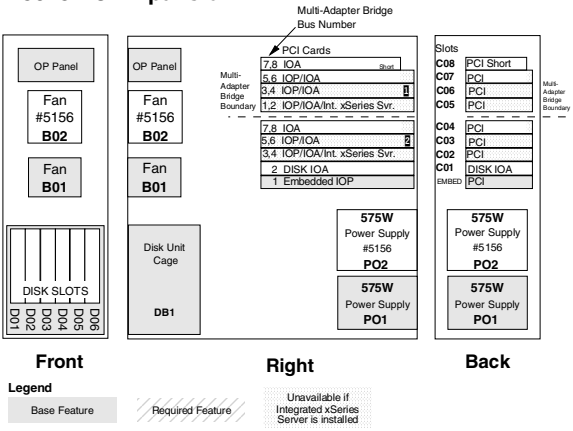


Legend

Model 810 #7116 System Unit Expansion DASD Sidecar



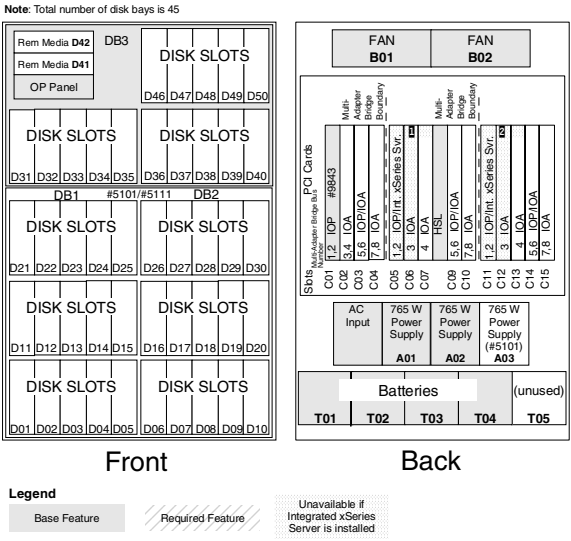
#5075 PCI Expansion



Legend

Base Feature | Required Feature | Unavailable if Integrated xSeries Server is installed

#5074 PCI Expansion



Legend

Base Feature | Required Feature | Unavailable if Integrated xSeries Server is installed

Model 810 capacity charts

Unless otherwise stated, all values quoted in the capacity charts represent the maximum number allowed.

	Model 810		
Processor feature	**2466**	**2467**	**2469**
Server feature	**0866**	**0867**	**0869**
Relative system perfor.			
Processor CPW	1020	1470	2700
5250 CPW			
7407	0		
7409	1020		
7410	-	0	
7412	-	1470	
7428	-	-	0
7430	-	-	2700
Number/type/speed of processor (Mhz)	1/SStar/540	1/SStar/750	2/SStar/750
L2 Cache (MB) per processor	2	4	4
Main storage (MB)	512 - 16384	512 - 16384	512 - 16384
Main storage DIMMs	1/8	1/8	2/16
Minimum OS/400	V5R2	V5R2	V5R2
Software group	P10	P10	P20

Numbers are for all 810 processor features	Base system	System Expansion Unit 7116	PCI-X Exp. Tower 5095, 0595	PCI-X Expansion Tower 5094	Total maximum
Disk storage (GB)					
Internal minimum	17.5	17.5	17.5	17.5	
Internal maximum	423.3	846.7	846.7	3172.5	13971
External maximum	-	-	-	-	13901
Total maximum	-	-	-	-	13971
Internal DASD arms	6	12	12	45	198
External LUNs	-	-	-	-	197
HSL ports	2	-	-	-	-
HSL loops	1	-	-	-	1
PCI/PCI-X exp. tower	4	-	-	-	4
Ext. xSeries Servers	7	-	-	-	7
Embedded IOP	1	-	-	-	5
PCI card slots	7	-	7	14	63
Max PCI IOA cards	6	-	5	11	50
Communication lines	18	-	20	44	192
LAN ports	6	-	5	11	36
Integrated xSeries Svr	1	-	1	3	13
Twinaxial WSCs	4	-	5	11	48
Twinaxial wkstns	160	-	200	440	1920
Internal CD/DVD/tape	2	-	-	2	10
External tape	4	-	5	11	18
Ext. optical/CD/DVD	4	-	5	11	18
Crypto. coprocessor	4	-	3	8	8
Crypto. accelerator	2	-	2	2	2

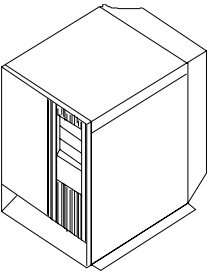
Note: The number of external media devices can be higher in an LPAR environment.

Software group is determined by a combination of the processor and 5250 CPW feature. The following table provides a cross reference.

Processor	Server feature	Edition feature	Software group
2466	0866	7407	P10
		7409	P10
	0769 Domino	7407	P10
2467	0867	7410	P10
		7412	P10
	0770 Domino	7410	P10
2469	0869	7428	P20
		7430	P20
	0771 Domino	7428	P20

iSeries Model 820

The Model 820 is designed to deliver the performance required by Java, WebSphere, Linux, Domino, and other e-business applications and environments. It provides 5250 application workload support. The Model 820 base processors provide compute-intensive support and standard processors that provide additional support for 5250 applications. Domino processors deliver outstanding price performance and value when serving a variety of Lotus Domino workloads on a single server.



iSeries Model 820 system unit

This section identifies the base components and capacities for the iSeries Model 820. It includes the summary charts for each processing unit.

Model 820 minimum and optional configuration

A minimum functional server consists of the base server unit and selected features. The base server includes:

- Physical package and power elements
- Operator panel without key stick
- Base DASD cage
- Two copper HSL ports
- Twelve PCI card slots (card hot-plugging allowed)
- Two removable media slots
- #9771/#9793/#9794 Base PCI Two-Line WAN with integrated modem
- Embedded base PCI IOP: Provides support for maximum of up to four IOAs, including:
  - Base #9767 Base PCI Disk Unit Controller
  - Optional second disk controller
  - Base console or workstation IOA

Order these required or other priced features:

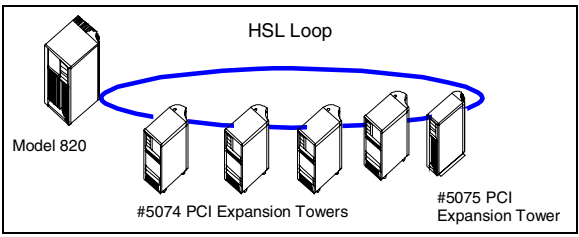
- Processor (#0150, #0151 2-way, #0152 4-way, #2435, #2436, #2437 2-way, #2438 4-way, #2456, #2457 2-way, or #2458 4-way)
- 5250 CPW feature (none, #1521, #1522, #1523, #1524, #1525, #1526, or #1527)

- Main storage (128 MB, 256 MB, 512 MB, and 1 GB options)
- Integrated disk unit (#4318 17.54 GB 10k RPM, or #4319 35.16 GB 10k RPM)
- Integrated optical (#4525 CD-ROM, #4530 DVD-RAM, or #4531 DVD-ROM)
- System console attachment adapter or cable
- Uninterruptible Power Supply (UPS) recommended

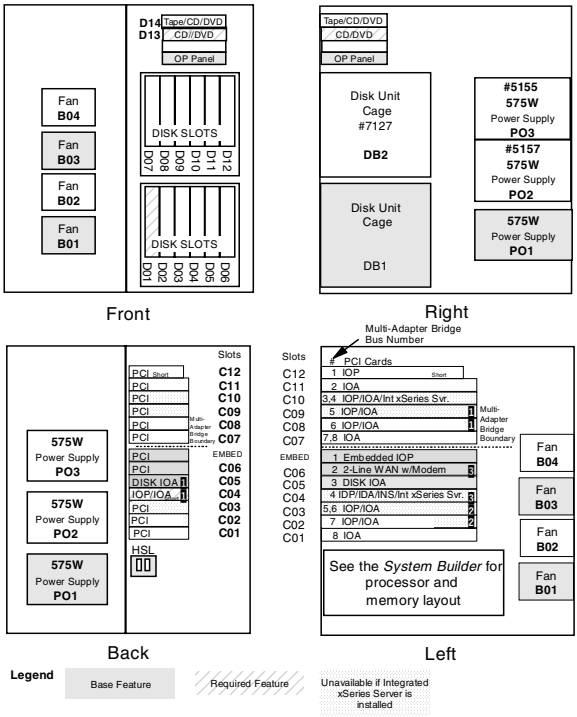
The initial installation is Customer Setup (CSU). Model upgrades are performed by IBM Service Representatives.

Model 820 HSL and system schematics

This diagram shows an example of a Model 820 in an HSL configuration with five connected PCI or PCI-X towers. One copper HSL loop is supported on the Model 820.



The following diagram illustrates the card layout of the Model 820 system unit.



Model 820 capacity charts

Unless otherwise stated, all values quoted in the capacity charts represent the maximum number allowed.

	Model 820			
Processor feature	**0150**	**0151**	**0152**	**2395**
Relative system perform.				
Processor CPW	1100	2350	3700	370
5250 CPW				
None	0	0	0	-
1521	-	-	-	35
1522	-	-	-	70
1523	-	-	-	120
1524	-	-	-	240
1525	-	-	-	-
1526	-	-	-	-
1527	-	-	-	-
Number/type/speed of processors (Mhz)	1/SStar/ 600	2/SStar/ 600	4/SStar/ 600	1/Pulsar/ 400
L2 Cache (MB)	2	4	4	0
Main storage (MB)	256 - 16384	256 - 32768	256 - 32768	256 - 4096
Main storage DIMMs	2/16	2/32	2/32	2/8
Minimum OS/400	V5R1	V5R1	V5R1	V4R5
Software group	P20	P20	P30	P10-P20

Processor feature	Model 820			
	2435	2436	2437	2438
Relative system perf. Processor CPW 5250 CPW None 1521 1522 1523 1524 1525 1526 1527	600 - 35 70 120 240 - - -	1100 - 35 70 120 240 560 - -	2350 - 35 70 120 240 560 1050 -	3700 - 35 70 120 240 560 1050 2000
Number/type/speed of processors (Mhz)	1/SStar/ 600	1/SStar/ 600	2/SStar/ 600	4/SStar/ 600
L2 Cache (MB)	2	2	4	4
Main storage (MB)	256 - 8192	256 - 16384	256 - 32768	256 - 32768
Main storage DIMMs	2/8	2/16	2/32	2/32
Minimum OS/400	V5R1	V5R1	V5R1	V5R1
Software group	P10-P20	P20-P30	P20-P30	P30-P40

Processor feature	Model 820		
	2456 Dedicated Server for Domino	2457 Dedicated Server for Domino	2458 Dedicated Server for Domino
Relative system perform. Processor CPW 5250 CPW MCU	120 0 3110	240 0 6660	380 0 11800
Number/type/speed of processors (Mhz)	1/SStar/600	2/SStar/600	4/SStar/600
L2 Cache (MB)	2	4	4
Main storage (MB)	256 - 16384	256 - 32768	256 - 32768
Main storage DIMMs	2/16	2/32	2/32
Minimum OS/400	V5R1	V5R1	V5R1
Software group	P05	P10	P10

Numbers are for all 820 processor features	Base system	PCI Expansion Tower 5075, 5095	PCI Exp. Tower 5074, 5094	Migrated total with 503x	New system maximum
Disk storage (GB)					
Internal minimum	8.58				8.58
Internal maximum	421.9	210.9	1582.4	1625.9	8334.1
External maximum	4501.1	4501.1	6751.6	1595.3	8298.9
Total maximum	4923.1	4712.1	8298.9	1625.9	8334.1
Internal DASD arms	12	6	45	210	237
External LUNs	128	128	192	209	236
Diskette (8 or 5 ¼-inch)	-	-	-	2	-
Communication lines	44	34	52	128	160
Twinaxial WSCs	7	7	11	66	62
Twinaxial devices	280	280	440	2628	2480
Internal CD/DVD/tape	2	-	2	18	12
External CD/DVD	7	7	8	8	8
External tape	7	7	8	8	8
Tape libraries	7	7	8	8	8
Optical libraries	7	7	14	14	14
HSL ports	2	-	-	-	2
HSL loops	1	-	-	-	1
5074/5075 Towers	5	-	-	-	5
Integrated xSeries Adapter	8	-	-	-	8
SPD towers	-	-	-	4	-
Embedded IOPs	1	1	-	1	6
PCI adapter card slots	12	8	14	86	82
PCI IOA cards	9	7	11	70	63
LAN ports	7	5	8	24	30
Integrated xSeries Servers	2	2	2	16	12
Cryptographic processor	7	7	8	3	8

Note: The number of external media devices can be higher in an LPAR environment.

Software group is determined by a combination of the processor and 5250 CPW feature. The following table provides a cross reference.

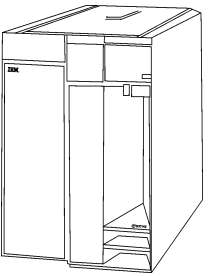
Processor	5250 CPW feature	Processor feature	Software group
0150	N/A	0150	P20
0151	N/A	0151	P20
0152	N/A	0152	P30
2395	1521	23A1	P10
	1522	23A2	P20
	1523	23A3	P20
	1524	23A4	P20
2435	1521	249B	P10
	1522	249C	P20
	1523	249D	P20
	1524	249E	P20
2436	1521	24A8	P20
	1522	24A9	P30
	1523	24AA	P30
	1524	24AB	P30
	1525	24AC	P30

Processor	5250 CPW feature	Processor feature	Software group
2437	1521	24B0	P20
	1522	24B1	P30
	1523	24B2	P30
	1524	24B3	P30
	1525	24B4	P30
	1526	24B5	P30
2438	1521	24B8	P30
	1522	24B9	P40
	1523	24BA	P40
	1524	24BB	P40
	1525	24BC	P40
	1526	24BD	P40
	1527	24BE	P40
2456	none	2456	P05
2457	none	2457	P10
2458	none	2458	P10

iSeries Model 825

The Model 825 is designed to deliver the compute-intensive performance required by Java, WebSphere, Linux, Domino, and other emerging workload applications and environments.

This section identifies the base components and capacities for the iSeries Model 825. It includes the summary charts for each processing unit.



iSeries Model 825 system unit

Model 825 minimum and optional configuration

A minimum functional server consists of the base server unit and selected priced features. The base server includes:

- Physical package and power elements
- System unit (CEC) tower
- Operator panel
- #9793/#9794 Base PCI Two-Line WAN with integrated modem
- Base DASD cage
- HSL bus adapters
- #9844 Base PCI IOP
- Active backplane
  - 10 PCI card slots
  - Hot plug PCI capability
  - Two HSL slots/connectors
  - Integrated/embedded 10/100 Mbps Ethernet IOA

Order these *required* priced features:

- Processor feature
  - #2473 3/6-way
- Server feature
  - #0772 iSeries Domino Server 4-way
  - #0773 iSeries Domino Server 6-way
  - #0873 Server feature
- Edition feature
  - #7416 Standard Edition
  - #7418 Enterprise Edition
- Main storage (256 MB, 512 MB, 1024 MB, or 2048 MB options)

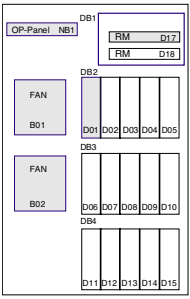
- SCSI IOA (#2757 PCI-X Ultra RAID Disk Controller, #2782 PCI-X RAID Disk Unit Controller, or #4778 PCI RAID Disk Unit Controller)
- Internal disk unit (#4318 17.54 GB 10k RPM, #4319 35.16 GB 10k RPM, #4326 35.16 GB 15k RPM, or #4327 70.56 GB 15k RPM)
- Removable media device (#4630 DVD-RAM or #4631 DVD-ROM)
- System console attachment adapter or cable

The initial installation is Customer Setup (CSU). Model upgrades are performed by IBM Service Representatives.

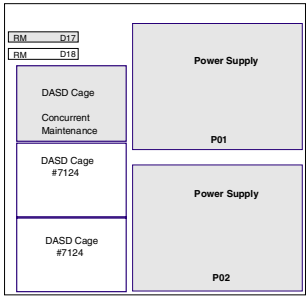
Model 825 HSL and system schematics

The following diagrams illustrate the card layout of the Model 825 system unit.

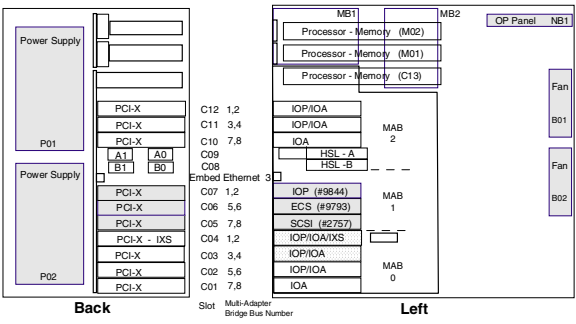
The Model 825 supports up to three HSL loops, two of which can be optical fiber HSL loops.



Front



Right



Back

Left

Model 825 capacity charts

Unless otherwise stated, all values quoted in the capacity charts represent the maximum number allowed.

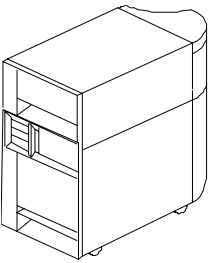
Processor feature	Model 825 2473		
Server feature	**0873**		
Server feature for Domino		**0772**	**0773**
Relative system perf.			
Processor CPW	3600/6600		
MCU		11600	17400
5250 CPW			
7416	0	0	0
7418	Maximum	-	-
Number/type/speed of processor (Ghz)	3/6/POWER4/ 1.1	4/POWER4/ 1.1	6/POWER4/ 1.1
L2 Cache (MB/proc)	0.72	0.72	0.72
L3 Cache (MB/proc)	16	16	16
Main storage (GB)	2 - 48	6 - 48	12 - 48
Main storage DIMMs	8/24	8/24	8/24
Minimum OS/400	V5R2	V5R2	V5R2
Software group	P30	P30	P30

Numbers are for all 825 processor features	**Base system**	**PCI-X Expansion Tower 5095, 0595**	**PCI-X Expansion Tower 5094**	**Total maximum**
Disk storage (GB)				
Internal minimum	17.5	17.5	17.5	
Internal maximum	1058.4	846.7	3172.5	58216
External maximum	-	-	-	58145
Total maximum	-	-	-	58216
Internal DASD arms	15	12	45	825
External LUNs	-	-	-	824
HSL/HSL-2 ports	4/2	-	-	4/2
HSL/HSL-2 loops	2/1	-	-	2/1
PCI expansion towers	16	-	-	16
PCI-X expansion towers	18	-	-	18
External xSeries Servers	18	-	-	18
Embedded IOP	-	-	-	-
Embedded IOA	1	-	-	1
PCI card slots	10	7	14	263
PCI IOA cards	7	5	11	206
Communication lines	30	20	44	320
LAN ports	6	5	11	96
Integrated xSeries Servers	1	1	3	36
Twinaxial WSCs	5	5	11	135
Twinaxial workstations	200	200	440	5400
Internal CD/DVD/tape	2	-	2	18
External tape/optical/CD/DVD	5	5	11	18
Cryptographic coprocessor	5	3	8	8
Cryptographic accelerator	4	4	4	4

iSeries Model 830

The Model 830 is designed to deliver the compute-intensive performance required by Java, WebSphere, Linux, Domino, and other e-business applications and environments.

This section identifies the base components and capacities for the iSeries Model 830. It includes the summary charts for each processing unit.



iSeries Model 830 system unit

Model 830 minimum and optional configuration

A minimum functional server consists of the server unit and selected features. The base server includes:

- Physical package and power elements
- System (CEC)
- #9074 Base I/O Tower
- Operator panel with key stick
- Bus expansion/clock card for HSL ports
- Bus adapter
- PCI and CSP card
- #9771/#9793/#9794 Base PCI Two-Line WAN with integrated modem
- Main storage expansion card
- #9943 Base PCI IOP

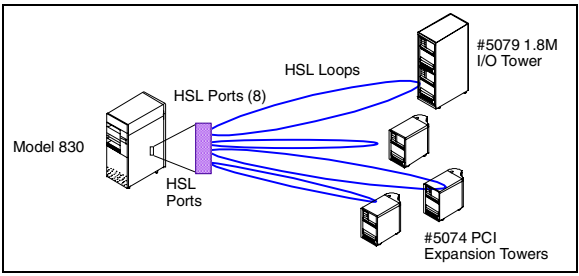
Order these *required* priced features:

- Processor (#2349 4/8-way, #2351 1/8-way, #2400 2-way, or #0153 8-way)
- 5250 CPW feature (#1531(base), #1532, #1533, #1534, #1535, #1536, or #1537)
- Main storage (#2881 Main Storage Expansion, Memory (128 MB, 256 MB, 512 MB, and 1 GB increments))
- Integrated disk unit (#4318 17.54 GB 10k RPM or #4319 35.16 GB 10k RPM)
- Integrated optical (#4425 CD-ROM, #4430 DVD-RAM, #4630 DVD-RAM, or #4631 DVD-ROM)
- System console attachment adapter or cable
- Uninterruptible Power Supply (UPS) recommended

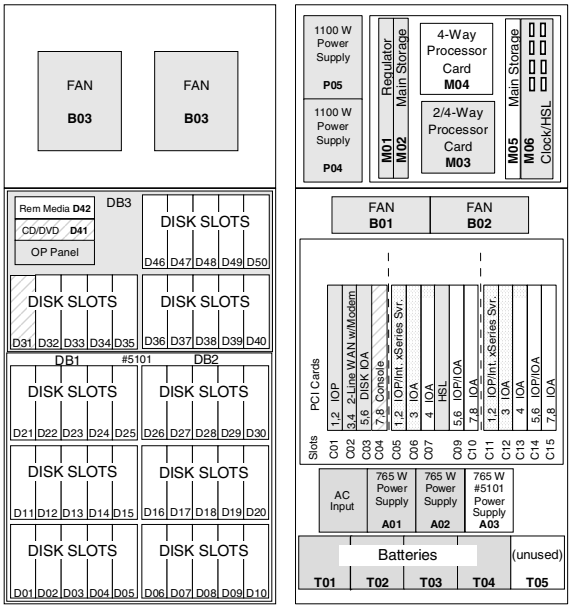
The initial installation and model upgrades are performed by IBM Service Representatives.

Model 830 HSL and system schematics

This diagram illustrates an example of a Model 830 in an HSL configuration with five connected towers. A maximum of four copper, or three copper and one optical, HSL loops are supported on the Model 830. The Model 830 supports up to 21 towers.



The following diagram illustrates the card layout of the Model 830 system unit.



Model 830 capacity charts

Unless otherwise stated, all values quoted in the capacity charts represent the maximum number allowed.

	Model 830		
Processor feature	**0153**	**2349**	**2400**
Relative system performance Processor CPW	7350	7350	1850
5250 CPW 1531 (Base) 1532 1533 1534 1535 1536 1537	0	 70 120 240 560 1050 2000 4550	 70 120 240 560 1050 - -
Number/type/speed of processors (Mhz)	8/IStar/ 540	4 - 8/IStar/ 540	2/IStar/ 400
L2 Cache (MB)	16	16	2
Main storage (GB)	1 - 64	1 - 64	1 - 64
Main storage DIMMs	8/64	8/64	8/64
Minimum OS/400	V5R1	V5R1	V4R5
Software group	P30	P30-P40	P20-P30

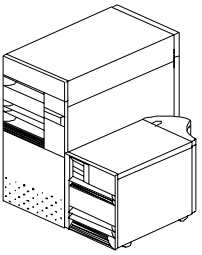
Numbers are for all 830 processor features	**Base System 9074**	**PCI Expansion Tower 5074**	**Migrated total with 5034, 5035**	**Migrated total with 5077**	**New system maximum**
Disk storage (GB)					
Internal minimum	8.58	-	-	-	8.58
Internal maximum	1582.4	1582.4	1625.9	4294.9	22153.9
External maximum	5626.4	6751.6	1595.3	4260.9	22118.8
Total maximum	7208.8	8298.9	1625.9	4294.9	22153.9
Internal DASD arms	45	45	210	596	630
External LUNs	160	192	595	595	629
Diskette (8 or 5 ¼-inch)	-	-	2	2	-
Communication lines	40	52	128	300	300
Twinaxial WSCs	9	11	66	175	152
Twinaxial devices	360	440	2628	7000	6080
Internal CD/DVD	2	2	18	18	18
Internal tape	1	2	17	17	17
External CD/DVD	8	10	8	14	10
External tape	8	10	8	14	10
Tape libraries	8	10	8	14	10
Optical libraries	8	11	14	22	22
HSL ports	8	-	-	-	8
HSL loops	4	-	-	-	4
5074 Towers	13	-	-	18	13
Integrated xSeries Adapters	16	-	-	-	16
SPD towers	-	-	4	18	-
Embedded IOPs	-	-	2	-	-
PCI adapter card slots	14	14	86	270	196
PCI IOA cards	11	11	70	216	154
LAN ports	6	8	24	72	72
Integrated xSeries Servers	2	2	16	16	28
Cryptographic processors	3	3	3	3	3

Software group is determined by a combination of the processor and 5250 CPW feature. The following table provides a cross reference.

Processor	5250 CPW feature	Processor feature	Software group
0153		245D	P30
2349	1531	24D8	P30
	1532	24D9	P40
	1533	24DA	P40
	1534	24DB	P40
	1535	24DC	P40
	1536	24DD	P40
	1537	24DE	P40
2400	1531	23C1	P20
	1532	23C2	P30
	1533	23C3	P30
	1534	23C4	P30
	1535	23C5	P30

iSeries Model 840

The Model 840 is a mainframe-class server designed to handle the compute-intensive performance required by Java, WebSphere, Linux, Domino, and other e-business environments. This section identifies the base components and capacities for each iSeries Model 840. It includes the summary charts for each processing unit.



iSeries Model 840 system unit

Model 840 minimum and optional configuration

A minimum functional server consists of the server unit and selected features. The base server includes:

- Physical package and power elements
- Operator panel with key stick
- System unit (CEC) tower
- DASD controller
- #9079 Base I/O Tower
  - 14 PCI slots
  - Two removable media slots
- PCI and CSP card
- Bus expansion card for HSL ports
- Bus adapter
- #9771/#9793/#9794 Base PCI 2-Line WAN with Integrated Modem
- #9943 Base PCI IOP

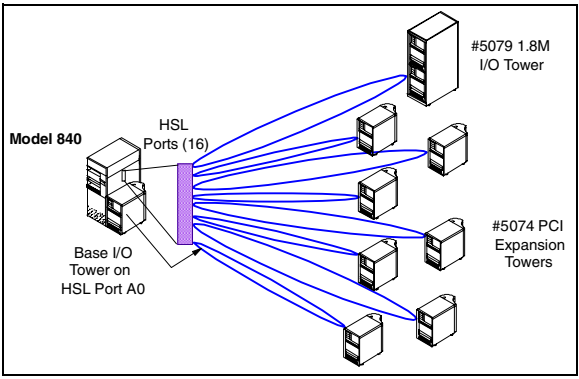
Order these *required* priced features:

- Processor (#2352 8/12-way, #2353 12/18-way, #2354 18/24-way, #0158 12-way, or #0159 24-way)
- 5250 CPW feature (one must be specified for #2352, #2353, and #2354 processors)
- Main storage (1024 MB, 2048 MB, or 4096 MB options)
- Integrated disk unit (#4318 17.54 GB 10k RPM or #4319 35.16 GB 10k RPM)
- Integrated optical (#4425 CD-ROM, #4430 DVD-RAM, or #4631 DVD-ROM)
- System console attachment adapter or cable

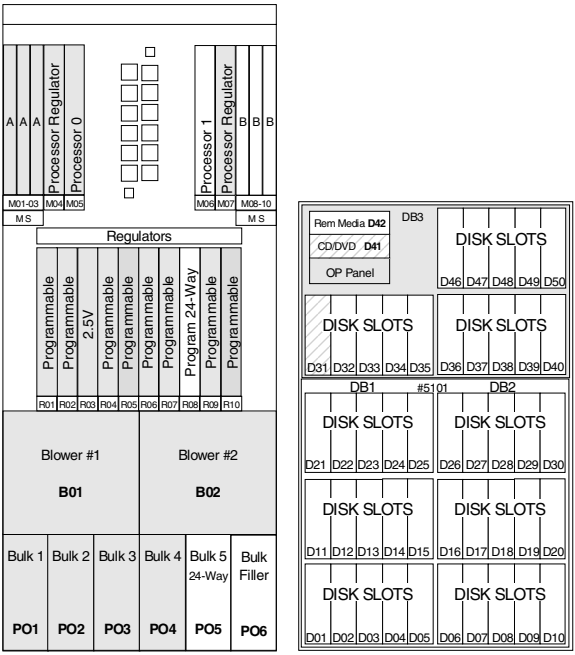
The initial installation and model upgrades are performed by IBM Service Representatives.

Model 840 HSL and system schematics

The following diagram illustrates a Model 840 in an HSL configuration with nine connected towers. A total maximum of nine towers in any combination of I/O towers and external xSeries servers is supported per loop.



The following diagrams illustrate the card layout of the Model 840 system unit and optional racks.

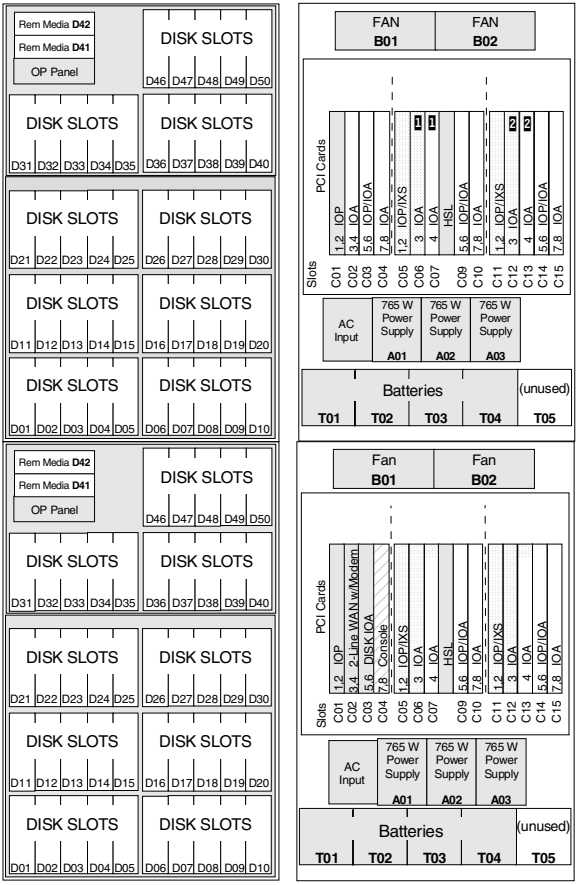


Front


Fan
B01
Fan
B02
PCI Cards
Slots
C01 1,2 IOP
C02 3,4 2-Line WAN w/Modem
C03 5,6 DISKIOA
C04 7,8 Console
C05 1,2 IOP/IXS
C06 3 IOA
C07 4 IOA
C09 HSL
C10 5,6 IOP/IOA
C11 7,8 IOA
C12 1,2 IOP/IXS
C13 3 IOA
C14 4 IOA
C15 5,6 IOP/IOA
C16 7,8 IOA
AC Input
765 W Power Supply
A01
765 W Power Supply
A02
765 W Power Supply
A03
Batteries
(unused)
T01
T02
T03
T04
T05
HSL
B C C C C
Processor
M11-15
M16
M17
Main Storage
Processor Clock Card
M18 M19
D D D D A
M20-24
Main Storage
Power Reg.
Power Reg.
SPCN Card
R11
R20
R21
Blower #3
B03
Blower #4
B04
Charger
GO1
Battery Pack
TO1
AC Box
A01

Back

#8079 Optional Base Rack



Model 840 capacity charts

Unless otherwise stated, all values quoted in the capacity charts represent the maximum number allowed.

	Model 840				
Processor feature	**0158**	**0159**	**2352**	**2353**	**2354**
Relative system perf.					
Processor CPW	12000	20200	8000-	12000-	16500-
5250 CPW	0	0	12000	16500	20200
1540 (Base)			120	120	120
1541			240	240	240
1542			560	560	560
1543			1050	1050	1050
1544			2000	2000	2000
1545			4550	4550	4550
1546			10000	10000	10000
1547			-	16500	16500
1548			-	-	20200

	Model 840				
Processor feature	**0158**	**0159**	**2352**	**2353**	**2354**
Number/type/speed of processors (Mhz)	12/ SStar/ 600	24/ SStar/ 600	8 - 12/ SStar/ 600	12 - 18/ SStar/ 600	18 - 24/ SStar/ 600
L2 Cache (MB)	16x4	16x4	16x4	16x4	16x4
Main storage (GB)	4/128	4/128	4/128	4/128	4/128
Main storage cards	4/16	4/16	4/16	4/16	4/16
Minimum OS/400	V5R1	V5R1	V5R1	V5R1	V5R1
Software group	P40	P40	P40-P50	P40-P50	P40-P50

Model 840 capacities	**Base System 9079**	**PCI Expansion Tower 5074**	**Migrated total with 5077**	**New system maximum**
Disk storage (GB)				
Internal minimum	8.58	-	-	
Internal maximum	1582.4	1582.4	4294.9	37978.2
External maximum	5626.2	6751.6	4260.6	37943.0
Total maximum	7208.8	8298.9	4294.9	37978.2
Internal DASD arms	45	45	596	1080
External LUNs	160	192	595	1079
Communication lines	40	52	300	400
Twinaxial WSCs	9	11	175	175
Twinaxial workstations	360	440	7000	7000
Internal CD/DVD	2	2	18	24/34
Internal tape	1	2	17	26/34
External CD/DVD	8	11	14	26/34
External tape	8	11	14	26/34
Tape libraries	8	11	14	26/34
Optical libraries	8	11	22	26/34
HSL ports	16	-	-	16
HSL loops	8	-	-	8
Optical HSL loops		-	-	2
HSL OptiConnect loops	8	-	-	4
5074 Towers	23	-	-	23
External xSeries Servers	16	-	-	16
SPD towers	-	-	18	-
PCI card slots	14	14	270	336
PCI IOA cards	11	11	216	264
LAN ports	7	8	72	96
Integrated xSeries Server	2	2	16	32
Cryptographic processor	8	8	3	8

Note: The number of external media devices can be higher in an LPAR environment.

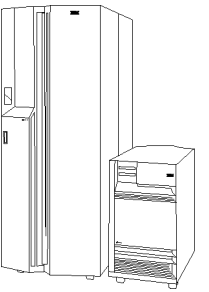
Software group is determined by a combination of the processor and 5250 CPW feature. The following table provides a cross reference.

Processor	5250 CPW feature	Processor feature	Software group
0158		0158	P40
0159		0159	P40
2352	1540	26B0	P40
	1541	26B1	P50
	1542	26B2	P50
	1543	26B3	P50
	1544	26B4	P50
	1545	26B5	P50
	1546	26B6	P50
2353	1540	26B8	P40
	1541	26B9	P50
	1542	26BA	P50
	1543	26BB	P50
	1544	26BC	P50
	1545	26BD	P50
	1546	26BE	P50
	1547	26BF	P50
2354	1540	26C0	P40
	1541	26C1	P50
	1542	26C2	P50
	1543	26C3	P50
	1544	26C4	P50
	1545	26C5	P50
	1546	26C6	P50
	1547	26C7	P50
	1548	26C8	P50

iSeries Model 870

The Model 870 is designed to deliver the compute-intensive performance required by Java, WebSphere, Linux, Domino, and other emerging workload applications and environments.

This section identifies the base components and capacities for the iSeries Model 870. It includes the summary charts for each processing unit.



iSeries Model 870 system unit

Model 870 minimum and optional configuration

A minimum functional server consists of the base server unit and selected priced features. The base server includes:

- Physical package and power elements
- System unit (CEC) tower
- #9094 Base PCI I/O Enclosure (with #5114)
  - 14 PCI slots
  - Two removable media slots
- #9730 Base HSL-2 Ports - 4 Copper
- #9771/#9793/#9794 Base PCI Two-Line WAN with integrated modem
- #9844 Base PCI IOP

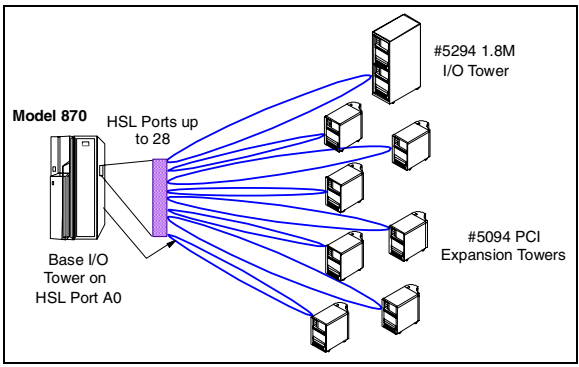
Order these *required* priced features:

- Processor feature #2486 8/16-way
- Server feature #0886
- Edition feature
  - #7419 Standard Edition
  - #7421 Enterprise Edition
- Main storage (4096 MB, 8192 MB, 16384 MB, or 32768 MB options)
- SCSI IOA (#2757 PCI-X Ultra RAID Disk Controller or #4778 PCI RAID Disk Unit Controller)
- Integrated disk unit (#4318 17.54 GB 10k RPM, #4319 35.16 GB 10k RPM, #4326 35.16 GB 15k RPM, or #4327 70.56 GB 15k RPM)
- Removable optical device (#4630 DVD-RAM or #4631 DVD-ROM)
- System console attachment adapter or cable
- Uninterruptible power supply (UPS) recommended

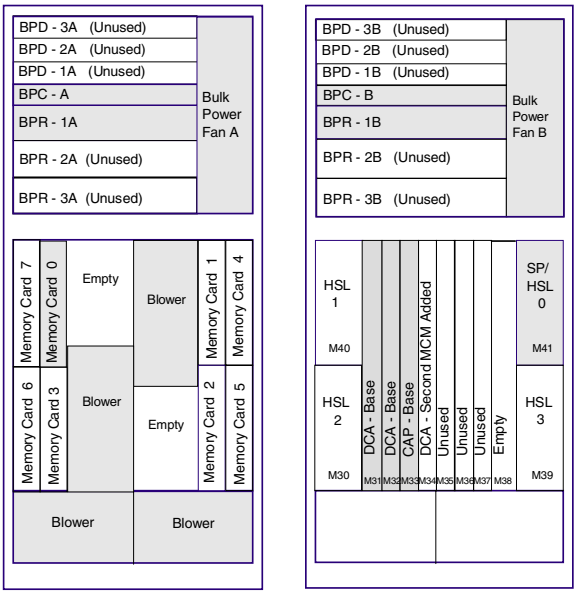
The initial installation and model upgrades are performed by IBM Service Representatives.

Model 870 HSL and system schematics

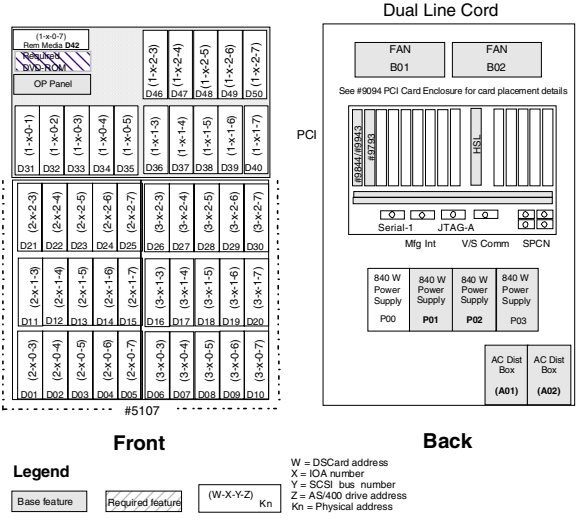
The following diagram illustrates a Model 870 in an HSL configuration with nine connected towers. The Model 870 supports up to 14 HSL loops, 12 of which can be optical fiber HSL loops.



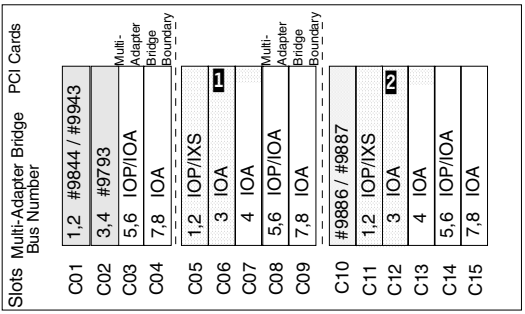
The following diagrams illustrate the card layout of the Model 870 system unit and optional racks.



#9094 Base PCI-X I/O Enclosure



#9094 PCI Card Enclosure



Legend

Base Feature

Required Feature

Unavailable if Integrated xSeries Server is installed

Model 870 capacity charts

Unless otherwise stated, all values quoted in the capacity charts represent the maximum number allowed.

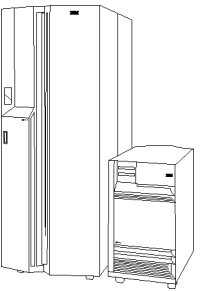
Processor feature	Model 870 2486
Server feature	**0886**
Relative system performance Processor CPW 5250 CPW 7419 Standard 7421 Advanced	 11500/20000 0 Maximum
Number/type/speed of processor (GHz)	8/16/POWER4/1.3
L2 and L3 Cache (MB/processor)	16.72
Main storage (GB)	8 - 128
Main storage cards	2/4
Minimum OS/400	V5R2
Software group	P40

Numbers are for all 870 processor features	Base Tower 9094	PCI-X Expansion Tower 5095/0595	PCI-X Expansion Tower 5094	Total maximum
Disk storage (GB)				
Internal minimum	17.5	17.5	17.5	
Internal maximum	3172.5	846.7	3172.5	144446
External maximum	-	-	-	144375
Total maximum	-	-	-	144446
Internal DASD arms	45	12	45	2047
External LUNs	-	-	-	2046
HSL/HSL-2 ports	-/16	-	-	-/16
HSL/HSL-2 loops	-/8	-	-	-/8
PCI/PCI-X exp. towers	47	-	-	47
External xSeries Servers	60	-	-	60
PCI card slots	14	7	14	672
PCI IOA cards	11	5	11	528
Communication lines	38	20	44	480
LAN ports	7	5	8	128
Integrated xSeries Servers	2	1	3	48
Twinaxial WSCs	9	5	11	180
Twinaxial workstations	360	200	440	7200
Internal CD/DVD/tape	2	-	2	26
Ext. tape/optical/CD/DVD	9	5	11	26
Cryptographic coprocessor	8	3	8	8
Cryptographic accelerator	4	4	4	4

iSeries Model 890

The Model 890 is designed to deliver the compute-intensive performance required by Java, WebSphere, Linux, Domino, and other e-business applications and environments.

This section identifies the base components and capacities for the iSeries Model 890. It includes the summary charts for each processing unit.



iSeries Model 890 system unit

Model 890 minimum and optional configuration

A minimum functional server consists of the server unit and selected features. The base server includes:

- Physical package and power elements
- System unit (CEC) tower
- CEC backplane
- #9094 Base I/O Tower
  - 15 PCI slots
  - Two removable media slots
- #9730 Base HSL-2 Ports - 4 copper
- #9771/#9793/#9794 Base PCI Two-Line WAN with integrated modem
- #9844 Base PCI IOP

Order these *required* priced features:

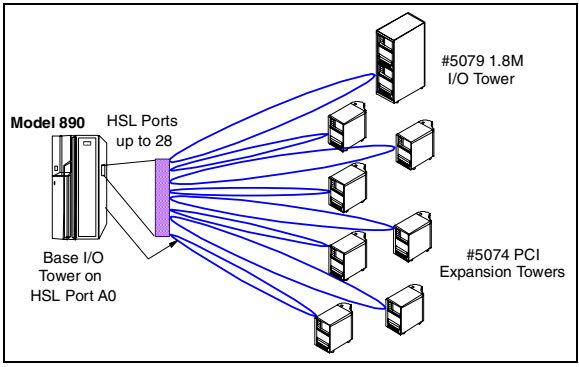
- Processor (#2497 16/24-way, #2498 24/32-way, #2487 16/24-way, #2488 24/32-way, #0197 24-way, or #0198 32-way)
- 5250 feature
- Server feature only for #2497, #2498 (#0897 or #0898)
- Edition feature
  - #7422 or #7425 Standard
  - #7424 or #7427 Enterprise
- Interactive feature
- Main storage (8 MB, 16 MB, 32 MB, or 4 GB options)
- SCSI IOA (#2757 or #4778)
- Internal disk units (#4318 17GB 10k RPM, #4319 35GB 10k RPM, #4326 35GB 15k RPM, or #4327 70GB 15k RPM)

- Integrated optical (#4630 DVD-RAM or #4631 DVD-ROM)
- System console attachment adapter or cable
- Uninterruptible power supply (UPS) recommended

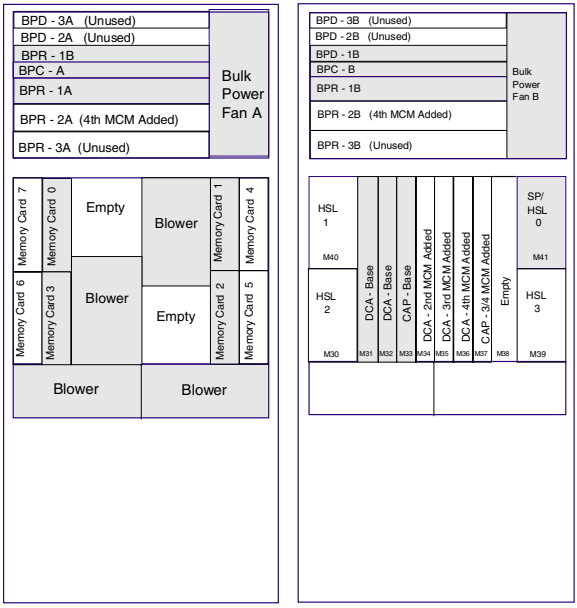
The initial installation and model upgrades are performed by IBM Service Representatives.

Model 890 HSL and system schematics

The following diagram illustrates a Model 890 in an HSL configuration with nine connected towers. A maximum of 14 HSL loops are supported on the Model 890 – 14 copper or 12 optical. The two base HSL loops are copper only.

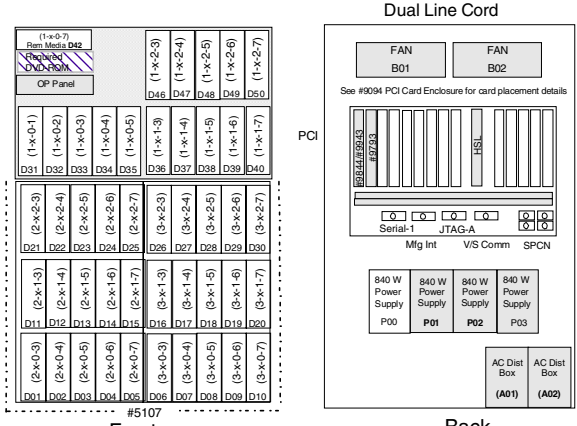


The following diagrams illustrate the card layout of the Model 890 system unit and optional racks.



Front Back

#9094 Base PCI-X I/O Enclosure

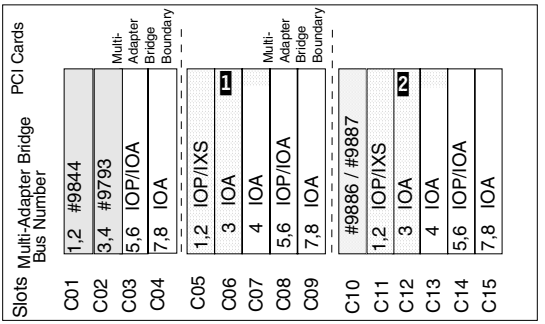


Legend

Base feature | Required feature | (W-X-Y-Z) Kn

W = DSCard address
X = IOA number
Y = SCSI bus number
Z = AS/400 drive address
Kn = Physical address

#9094 PCI Card Enclosure



Legend

Base Feature | Required Feature | Unavailable if Integrated xSeries Server is installed

Model 890 capacity charts

Unless otherwise stated, all values quoted in the capacity charts represent the maximum number allowed.

	Model 890	
Processor feature	**2497**	**2498**
Server feature	**0897**	**0898**
Relative system performance		
Processor CPW	20000/29300	29300/37400
5250 CPW		
7422	0	
7424	Maximum	
7425	-	0
7427	-	Maximum
Number/type/speed of processor (GHz)	12/24/POWER4/ 1.3	24/32/POWER4/ 1.3
L2 and L3 Cache (MB/proc)	16.72	16.72
Main storage (GB)	8 - 192	16 - 256
Main storage cards	4/6	6/8
Minimum OS/400	V5R2	V5R2
Software group	P50	P50

Software group is determined by a combination of the processor and 5250 CPW feature. The following table provides a cross reference.

Model 890 processors			
Processor feature	**Server feature**	**Edition feature**	**Software group**
2497	0897	7422	P50
		7424	P50
2498	0898	7425	P50
		7427	P50

	Model 890			
Processor feature	**2487**	**2488**	**0197**	**0198**
Relative system performance Proc CPW 5250 CPW 1576 (Base) 1577 1578 1579 1581 1583 1585 1587 1588 1591	20200 - 29300 120 240 560 1050 2000 4550 10000 16500 20200	29300 - 37400 120 240 560 1050 2000 4550 10000 16500 20200 37400	29300 0	37400 0
Number/type/ speed of processor (GHz)	16 - 24/ POWER4/ 1.3	24 - 32/ POWER4/ 1.3	24/ POWER4/ 1.3	32/ POWER4/ 1.3
L2 Cache (MB)	1.5 MB/ chip set	1.5 MB/ chip set	1.5 MB/ chip set	1.5 MB/ chip set
L2 and L3 Cache (MB/proc)	16.72	16.72	16.72	16.72
Main storage (GB)	16 - 192	24 - 256	16 - 192	24 - 256
Main storage cards	4/6	6/8	4/6	6/8
Minimum OS/400	V5R2	V5R2	V5R2	V5R2
Software group	P50-P60	P50-P60	P50	P50

Software group is determined by a combination of the processor feature and package feature. Display the QPRCFEAT system value or DSPHDWRSC TYPE(*AHW) to see the processor feature code value. This value is also shown for the Capacity Card CCIN value when using SST to perform a Capacity Upgrade on Demand.

Processor feature	**Interactive feature**	**Software group**	**Processor feature code or QPRCFEAT value**
0197		P50	25D3
0198		P50	25D5
2487	1576	P50	2AF0
	1577	P60	2AF1
	1578	P60	2AF2
	1579	P60	2AF3
	1581	P60	2AF5
	1583	P60	2AF7
	1585	P60	2AF9
	1587	P60	2AFB
	1588	P60	2AFC

Processor feature	Interactive feature	Software group	Processor feature code or QPRCFEAT value
2488	1576	P50	2AD0
	1577	P60	2AD1
	1578	P60	2AD2
	1579	P60	2AD3
	1581	P60	2AD5
	1583	P60	2AD7
	1585	P60	2AD9
	1587	P60	2ADB
	1588	P60	2ADC
	1591	P60	2ADF

Numbers are for all 890 processor features	Base Tower 9094	PCI-X Expansion Towers 5095, 0595	PCI-X Expansion Tower 5094	Total maximum
Disk storage (GB)				
Internal minimum	17.5	17.5	17.5	
Internal maximum	3172.5	846.7	3172.5	144446
External maximum	11290	3175	13548	144375
Total maximum	14462	4021	16720	144446
Internal DASD arms	45	12	45	2047
External LUNs	160	127	192	2046
HSL/HSL-2 ports	-/24	-	-	-/24
HSL/HSL-2 loops	-/12	-	-	-/12
PCI/PCI-X exp. towers	47	-	-	47
External xSeries Servers	60	-	-	60
PCI card slots	14	7	14	672
PCI IOA cards	11	5	11	528
Communication lines	38	20	44	480
LAN ports	7	5	8	128
Integrated xSeries Servers	2	1	3	48
Twinaxial WSCs	9	5	11	180
Twinaxial workstations	360	200	440	7200
Internal CD/DVD/tape	2	-	2	26
Ext. tape/optical/CD/DVD	9	5	11	26
Cryptographic coprocessor	8	3	8	8
Cryptographic accelerator	4	4	4	4

External towers, expansion units for iSeries models

PCI and PCI-X expansion towers and units provide the iSeries servers with the ability to support additional I/O and disk units. The entry iSeries server, the Model 800, supports a single tower, while the Model 890 supports up to 47 towers.

A migration tower is the link between legacy SPD and the newer PCI technology used on the 820, 830, and 840 servers. It physically connects units using HSL technology. Migration towers are not supported on 270, 800, 810, 825, 870, and 890 models.

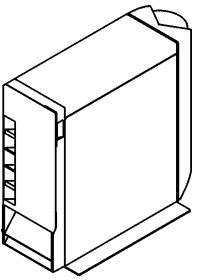
The towers and expansion units supported by the iSeries servers are identified in this table.

Tower or unit	270	800	810	820	825	830	840	870	890
5033 Migration Tower I	N	N	N	Y	N	Y	N	N	N
5034 Migration Tower I	N	N	N	Y	N	Y	N	N	N
5035 Migration Tower I	N	N	N	Y	N	Y	N	N	N
5074 PCI Expansion Tower	N	N	Y	Y	Y	Y	Y	Y	Y
5075 PCI Expansion Tower	Y	N	Y	Y	Y	N	N	N	N
5077 Migration Tower II	N	N	N	N	N	Y	Y	N	N
5078/0578 PCI Expansion Unit	N	N	Y	Y	Y	Y	Y	Y	Y
5079 PCI Expansion Tower	N	N	Y	Y	Y	Y	Y	Y	Y
5088/0588 PCI-X Expansion Unit	N	N	Y	Y	Y	Y	Y	Y	Y
5094 PCI-X Expansion Tower	N	Y	Y	Y	Y	Y	Y	Y	Y
5095/0595 PCI-X Expansion Tower	Y	Y	Y	Y	Y	Y	Y	Y	Y
5294 PCI-X 1.8 M I/O Tower	N	N	Y	Y	Y	Y	Y	Y	Y
8079 1.8 M I/O Rack	N	N	N	N	N	N	Y	N	N
8093 1.8 M I/O Rack	N	N	N	N	N	N	N	N	Y
8094 1.8 M I/O Rack	N	N	N	N	N	N	N	Y	Y
9074 I/O Tower	N	N	N	N	N	Y	N	N	N
9079 I/O Tower	N	N	N	N	N	N	Y	Y	Y
9094 Base PCI-X I/O Enclosure	N	N	N	N	N	N	N	Y	Y

iSeries Model 250 packages

The iSeries Model 250 offers a low entry point for transaction workloads where growth is minimal and application or Web serving is not expected.

The defined hardware configurations cannot be modified when ordered. However, additional features supported by the Model 250 may be added later through an IBM Business Partner.



AS/400e Model 250 System Unit

This section identifies the base components and capacities for the Model 250. It includes the summary charts for each processing unit.

Model 250 base configuration

Two packages are offered:

- Entry Package
- Growth Package

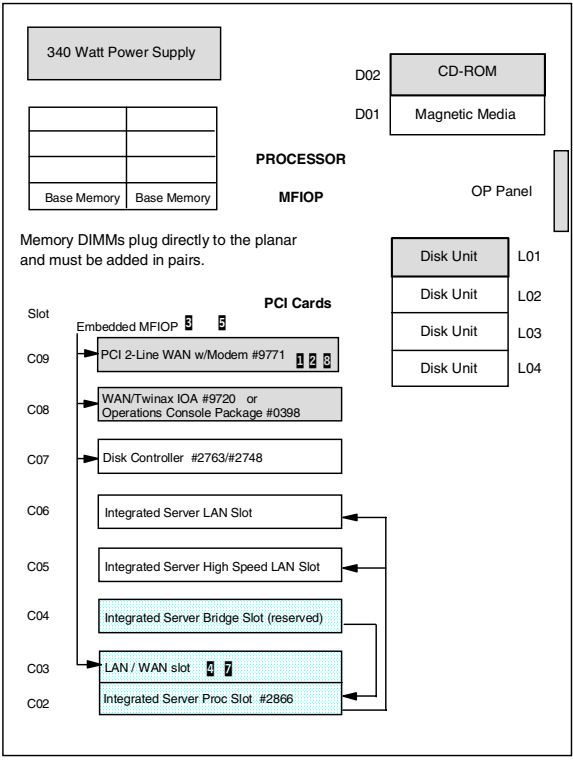
Both packages offer the following features:

- 256 MB of memory
- Multifunction I/O processor
- Base DASD/tape cage with support for four internal disk units, one internal tape, and one internal CD-ROM
- Two #6818 17.54 GB 10k RPM Disk Units with Disk Level Mirroring (#0040) activated
- #9771 Base PCI Two-Line WAN with integrated modem
- One CD-ROM unit
- One #6382 4 GB ¼-inch Cartridge Tape Unit
- One #2838 PCI 100/10 Mbps Ethernet IOA
- #9720 Base PCI WAN/Twinaxial IOA option for Twinaxial Console

The iSeries Model 250 Packages are Customer Setup (CSU).

Model 250 system schematic

The following diagram illustrates the card layout of the Model 250 system unit.



Model 250 capacity charts

Unless otherwise stated, all values quoted in the capacity charts represent the maximum number allowed.

	Model 250	
Processor feature	**0297 Entry**	**0298 Growth**
Relative system performance - CPW		
Processor performance	50	75
5250 CPW performance	15	20
Number of processors/type	1/Northstar	1/Northstar
L2 Cache (MB)	0	0
Software group	PPS/P05	PPS/P05

Model 250 capacities	Package configuration
Main storage (MB)	256
Main storage or DIMMs	2
Disk storage (GB)	17.54 - 35.08
System I/O card slots	6
Communication lines	1
LAN/ATM adapters	1
Twinaxial WSCs	1
Twinaxial workstations	28
Cryptographic processors	0
¼-inch cartridge tape (internal)	1
8mm ½-inch cartridge (external)	0
Tape libraries	0
CD-ROM	1
Optical libraries	0

Features: CIF, card placement, release dependency

The following tables list many significant feature codes for the current iSeries servers. They identify those that are Customer Install Features (CIF) and in which iSeries model and expansion unit the feature is supported. The tables also include information about how the feature is ordered for placement within the model or tower and the minimum supporting OS/400 release.

The tables do not represent a complete list. For example, most line cords, cables, and specify features are not listed.

Legend for table values

CIF

- Y = Customer Install Feature or no installation is necessary.
- N = IBM Authorized Service Provider is required to install this feature.
- - = Not applicable.

Processor or tower

- M = *MES*. Field installation only.
- P = *Plant installation*. New system orders only.
- B = *Both*. Field or plant installation.
- S = Supported as a migrated feature only.
- PU = Plant installation. MES installation for model upgrades only.
- SC = Supported. MES installation for feature conversions only.
- - = Not supported in this tower.

Release

- Minimum release of OS/400 to support this feature

The following table shows the Models 800, 810, 825, 870, and 890 (#2497 and #2498 processors) and their associated expansion units.

FC and description	CIF	Model or tower								Minimum OS/400
		800	810	825	870	890	5095	5094	5088	
0133 Field Install in Rack	Y	B	B	-	-	-	-	-	-	V5R2
0134 Field Install in Rack (HD)	Y	-	-	B	-	-	-	-	-	V5R2
0197 Model 890 24-way Processor	N	-	-	-	-	B	-	-	-	V5R2
0198 Model 890 32-way Processor	N	-	-	-	-	B	-	-	-	V5R2
0325 IPCS Extension Cable NT	Y	B	B	B	B	B	B	B	B	V4R2
0367 Ops Console PCI Cable	Y	B	B	B	B	B	B	B	B	V4R3
0369 100m Opt SPCN Cable	Y	-	-	B	B	B	B	B	B	V5R1
0371 LC-SC Adptr Kit (50 um)	Y	B	B	B	B	B	B	B	B	V5R1
0372 LC-SC Adptr Kit (62.5 um)	Y	B	B	B	B	B	B	B	B	V5R1
0383 Remote Cntrl Panel Cable	Y	B	B	B	B	B				V5R2
0426 512 MB Server Memory	N	-	-	B	B	B	B	B	B	V5R2
0427 1 GB Server Memory	N	-	-	B	B	B	B	B	B	V5R2
0446 512 MB DDR Server Memory	Y	B	B	-	-	-	B	B	B	V5R2
0447 1 GB DDR Server Memory	Y	B	B	-	-	-	B	B	B	V5R2
0551 iSeries Rack	Y	B	B	B	B	B	-	-	-	V4R5
0578 PCI Expansion Unit in Rack	N	-	S	S	S	B	-	-	-	V5R1
0588 PCI-X Expansion Unit in Rack	N	B	B	B	B	B	-	-	-	V5R2
0595 PCI-X Tower Unit in Rack	Y	B	B	B	B	B	-	-	-	V5R2
0601 Linux Direct Attach-2743	Y	-	SC	SC	SC	B	S	S	S	V5R1
0602 Linux Direct Attach-2760	Y	-	SC	SC	SC	B	S	S	S	V5R1
0603 Linux Direct Attach-2744	Y	B	B	B	B	B	B	B	B	V5R1
0604 Linux Direct Attach-2763	Y	SC	SC	SC	SC	SC	SC	-	-	V5R1
0605 Linux Direct Attach-4748	Y	-	-	SC	SC	SC	S	S	-	V5R1
0606 Linux Direct Attach-4778	Y	-	-	B	B	B	B	B	-	V5R1
0607 Linux Direct Attach-4838	Y	-	SC	SC	SC	B	S	S	S	V5R1
0608 Linux Direct Attach-4745	Y	-	SC	SC	SC	SC	S	S	S	V5R2
0609 Linux Direct Attach-2772	Y	B	B	B	B	B	B	B	B	V5R2
0610 Linux Direct Attach-2773	Y	B	B	B	B	B	B	B	B	V5R2
0612 Linux Direct Attach-2766	Y	B	B	B	B	B	B	B	B	V5R2
0613 Linux Direct Attach-2742	Y	B	B	B	B	B	B	B	B	V5R2
0614 Linux Direct Attach-2793	Y	B	B	B	B	B	B	B	B	V5R2
0615 Linux Direct Attach-2794	Y	B	B	B	B	B	B	B	B	V5R2
0616 Linux Direct Attach-2805	Y	B	B	B	B	B	B	B	B	V5R2
0617 Linux Direct Attach-2806	Y	B	B	B	B	B	B	B	B	V5R2
0618 Linux Direct Attach-2757	Y	B	B	B	B	B	B	B	-	V5R2
0619 Linux Direct Attach-2782	Y	B	B	B	-	-	B	-	-	V5R2
0620 Linux Direct Attach-5700	Y	B	B	B	B	B	B	B	B	V5R2
0621 Linux Direct Attach-5701	Y	B	B	B	B	B	B	B	B	V5R2
0623 Linux Direct Attach-2849	Y	B	B	B	B	B	B	B		V5R2
0624 Linux Direct Attach-5702	Y	B	B	B	B	B	B	B	B	V5R2

FC and description	CIF	Model or tower								Minimum OS/400
		800	810	825	870	890	5095	5094	5088	
0694 #5094 Equivalent	Y	-	-	-	-	-	-	B	-	V5R2
1460 3m Copper HSL Cable	Y	B	B	B	-	-	-	-	-	V4R5
1461 6m Copper HSL Cable	Y	B	B	B	-	-	-	-	-	V4R5
1462 15m Copper HSL Cable	Y	B	B	B	-	-	-	-	-	V4R5
1463 2m SPCN Cable	Y	B	B	B	B	B	B	B	B	V4R5
1464 6m SPCN Cable	Y	B	B	B	B	B	B	B	B	V4R5
1465 15m SPCN Cable	Y	B	B	B	B	B	B	B	B	V4R5
1466 30m SPCN Cable	Y	B	B	B	B	B	B	B	B	V4R5
1468 250m Opt SPCN Cable	Y	-	-	B	B	B	B	B	B	V5R1
1470 6m HSL Optical Cable	Y	-	-	B	B	B	B	B	B	V5R1
1471 30m HSL Optical Cable	Y	-	-	B	B	B	B	B	B	V5R1
1472 100m HSL Optical Cable	Y	-	-	B	B	B	B	B	B	V5R1
1473 250m HSL Optical Cable	Y	-	-	B	B	B	B	B	B	V5R1
1474 6m HSL to HSL-2 Cable	Y	B	B	B	B	B	B	B	B	V5R2
1475 10m HSL to HSL-2 Cable	Y	B	B	B	B	B	B	B	B	V5R2
1476 4.3 m 200V/12A Power Cd UK	Y	-	-	-	-	-	-	B	-	V4R5
1482 3.5m HSL-2 Cable	Y	-	-	B	B	B	-	B	B	V5R2
1483 10m HSL-2 Cable	Y	-	-	B	B	B	-	B	B	V5R2
1485 15m HSL-2 Cable	Y	-	-	B	B	B	-	B	B	V5R2
1576 5250 CPW Capacity Card	N	-	-	-	-	PU	-	-	-	V5R2
1577 5250 CPW Capacity Card	N	-	-	-	-	B	-	-	-	V5R2
1578 5250 CPW Capacity Card	N	-	-	-	-	B	-	-	-	V5R2
1579 5250 CPW Capacity Card	N	-	-	-	-	B	-	-	-	V5R2
1581 5250 CPW Capacity Card	N	-	-	-	-	B	-	-	-	V5R2
1583 5250 CPW Capacity Card	N	-	-	-	-	B	-	-	-	V5R2
1585 5250 CPW Capacity Card	N	-	-	-	-	B	-	-	-	V5R2
1587 5250 CPW Capacity Card	N	-	-	-	-	B	-	-	-	V5R2
1588 5250 CPW Capacity Card	N	-	-	-	-	B	-	-	-	V5R2
1591 5250 CPW Capacity Card	N	-	-	-	-	B	-	-	-	V5R2
1609 825 POD Activation	Y	-	-	B	-	-	-	-	-	V5R2
1610 890 POD Activation	Y	-	-	-	-	B	-	-	-	V5R2
1611 870 POD Activation	Y	-	-	-	B	-	-	-	-	V5R2
1612 890 POD Activation	Y	-	-	-	-	B	-	-	-	V5R2
1613 890 POD Activation	Y	-	-	-	-	B	-	-	-	V5R2
1700 IPCS Keyboard/Mouse NT	Y	B	B	B	B	B	B	B	B	V4R1
1773 TCoD Enablement - 825	Y	-	-	M	-	-	-	-	-	V5R2
1776 TCoD Enablement - 870	Y	-	-	-	M	-				V5R2
1777 TCoD Enablement - 890	Y	-	-	-	-	M	-	-	-	V5R2
1778 TCoD Enablement - 890	Y	-	-	-	-	M	-	-	-	V5R2
2463 Model 800 Processor	N	P	-	-	-	-	-	-	-	V5R2
2464 Model 800 Processor	N	B	-	-	-	-	-	-	-	V5R2
2466 Model 810 Processor	N	-	B	-	-	-	-	-	-	V5R2
2467 Model 810 Processor	N	-	B	-	-	-	-	-	-	V5R2

FC and description	CIF	Model or tower								Minimum OS/400
		800	810	825	870	890	5095	5094	5088	
2469 Model 810 2-way Processor	N	-	B	-	-	-	-	-	-	V5R2
2473 Model 825 3/6-way Processor	N	-	-	B	-	-	-	-	-	V5R2
2486 Model 870 8/16-way Processor	N	-	-	-	B	-	-	-	-	V5R2
2487 Model 890 16/24-way Prcssr	N	-	-	-	-	B	-	-	-	V5R2
2488 Model 890 24/32-way Prcssr	N	-	-	-	-	B	-	-	-	V5R2
2497 Model 890 16/24-way Prcssr	N	-	-	-	-	B	-	-	-	V5R2
2498 Model 890 24/32-way Prcssr	N	-	-	-	-	B	-	-	-	V5R2
2738 HSL Ports - 8 Copper	N	-	-	-	-	B	-	-	-	V5R2
2739 Optical Bus Adapter	N	-	-	-	-	-	-	-	-	V5R1
2742 PCI Two-Line WAN IOA	Y	B	B	B	B	B	B	B	B	V5R2
2743 PCI 1Gbps Ethernet IOA	Y	-	S	S	S	B	S	S	S	V4R5
2744 PCI 100Mbps TRN IOA	Y	B	B	B	B	B	B	B	B	V4R5
2749 PCI Ultra Mag Media Controller	Y	B	B	B	B	B	B	B	B	V4R5
2757 PCI-X Ultra RAID Disk Ctrlr	Y	B	B	B	B	B	B	B	-	V5R2
2760 PCI 1Gbps Eth UTP IOA	Y	-	S	S	S	S	S	S	S	V5R1
2763 PCI RAID Disk Unit Controller	Y	-	SC	SC	SC	SC	SC	-	-	V4R5
2765 PCI Fibre Ch Tape Controller	Y	B	B	B	B	B	B	B	B	V5R1
2766 PCI Fibre Ch Disk Controller	Y	B	B	B	B	B	B	B	B	V5R1
2768 PCI Magnetic Media Controller	Y	-	S	S	S	B	S	S	S	V4R5
2772 PCI Dual WAN/Modem IOA	Y	B	B	B	B	B	B	B	B	V5R1
2773 PCI Dual WAN/Modem IOA (ANSI)	Y	B	B	B	B	B	B	B	B	V5R1
2776 HSL-2 Ports - 8 Copper	N	-	-	-	B	B	-	-	-	V5R2
2782 PCI-X RAID Disk Unit Ctrlr	Y	B	B	B	-	-	B	-	-	V5R2
2785 HSL-2 Ports - 2 Copper	Y	-	-	B	-	-	-	-	-	V5R2
2786 HSL Ports - 2 Optical	Y	-	-	B	-	-	-	-	-	V5R2
2788 HSL Ports - 8 Optical	N	-	-	-	B	B	-	-	-	V5R2
2790 PCI Integrated Netfinity Server	N	-	-	S	S	S	S	S	S	V4R5
2791 PCI Integrated xSeries Server	N	-	-	S	S	S	S	S	S	V4R5
2792 PCI Integrated xSeries Server	N	-	-	B	B	B	B	B	B	V5R2
2793 PCI 2-Line WAN w/Modem	Y	B	B	B	B	B	B	B	B	V5R2
2794 PCI 2-Line WAN w/Modem (CIM)	Y	B	B	B	B	B	B	B	B	V5R2
2795 128 MB Server Memory	N	-	-	M	M	B	M	M	M	V4R5
2796 256 MB Server Memory	N	-	-	M	M	B	M	M	M	V4R5
2797 1 GB Server Memory	N	-	-	M	M	B	M	M	M	V4R5
2799 PCI Integrated xSeries Server	N	-	-	S	S	B	S	S	S	V5R1
2805 PCI Quad Modem IOA	Y	B	B	B	B	B	B	B	B	V5R1
2806 PCI Quad Modem IOA (CIM)	Y	B	B	B	B	B	B	B	B	V5R1
2817 PCI 155 Mbps MMF ATM	Y	-	S	S	S	S	S	S	S	V5R1
2842 PCI IOP	Y	-	S	-	-	-	S	-	-	V4R5
2843 PCI IOP	Y	-	S	S	S	B	S	S	S	V4R5
2844 PCI IOP	Y	B	B	B	B	B	B	B	B	V5R2
2849 PCI 100/10 Mbps Eth IOA	Y	B	B	B	B	B	B	B	B	V5R2

FC and description	CIF	Model or tower								Minimum OS/400
		800	810	825	870	890	5095	5094	5088	
2886 Optical Bus Adapter	Y	-	-	-	-	-	M	M	M	V5R2
2887 HSL-2 Bus Adapter	Y	-	-	-	-	-	M	M	M	V5R2
2890 PCI Integrated Netfinity Server	Y	-	SC	-	-	-	S	S	S	V4R5
2891PCI Integrated xSeries Server	Y	-	SC	-	-	-	S	S	S	V4R5
2892 PCI Integrated xSeries Server	Y	B	B	-	-	-	B	B	B	V5R2
2895 128 MB Server Memory	Y	-	M	-	-	-	M	M	M	V4R5
2896 256 MB Server Memory	Y	-	M	-	-	-	M	M	M	V4R5
2897 1 GB Server Memory	Y	-	M	-	-	-	M	M	M	V4R5
2899 PCI Integrated xSeries Server	Y	-	SC	-	-	-	S	S	S	V5R1
3015 8 GB Main Storage	N	-	-	-	B	B	-	-	-	V5R2
3016 8 GB Main Storage	N	-	-	-	-	B	-	-	-	V5R2
3017 32 GB Main Storage	N	-	-	-	B	B	-	-	-	V5R2
3018 32 GB Main Storage	N	-	-	-	-	B	-	-	-	V5R2
3020 4 GB Main Storage	N	-	-	-	B	B	-	-	-	V5R2
3021 4 GB Main Storage	N	-	-	-	-	B	-	-	-	V5R2
3022 128 MB Main Storage	Y	-	M	-	-	-	-	-	-	V4R5
3024 256 MB Main Storage	Y	-	B	-	-	-	-	-	-	V5R1
3025 512 MB Main Storage	Y	-	S	-	-	-	-	-	-	V4R5
3026 512 MB Main Storage	Y	-	B	-	-	-	-	-	-	V4R5
3027 1 GB Main Storage	Y	-	B	-	-	-	-	-	-	V5R1
3029 128 MB Main Storage	Y	-	B	-	-	-	-	-	-	V5R1
3035 16 GB Main Storage	N	-	-	-	B	B	-	-	-	V5R2
3036 16 GB Main Storage	N	-	-	-	-	B	-	-	-	V5R2
3042 256 MB Main Storage	Y	-	-	B	-	-	-	-	-	V5R2
3043 512 MB Main Storage	Y	-	-	B	-	-	-	-	-	V5R2
3044 1024 MB Main Storage	Y	-	-	B	-	-	-	-	-	V5R2
3045 1024 MB Main Storage	Y	-	-	B	-	-	-	-	-	V5R2
3046 2048 MB Main Storage	Y	-	-	B	-	-	-	-	-	V5R2
3092 256 MB Main Storage	Y	B	B	-	-	-	-	-	-	V5R2
3093 512 MB Main Storage	Y	B	B	-	-	-	-	-	-	V5R2
3094 1024 MB Main Storage	Y	B	B	-	-	-	-	-	-	V5R2
3095 1024 MB Main Storage	Y	B	B	-	-	-	-	-	-	V5R2
3096 2048 MB Main Storage	Y	B	B	-	-	-	-	-	-	V5R2
4308 4.19 GB Disk Unit	Y	-	-	-	-	-	-	S	-	V4R4
4314 8.58 GB Disk Unit	Y	-	S	S	S	S	S	S	-	V4R4
4317 8.58 GB 10k rpm Disk Unit	Y	-	SC	SC	SC	SC	S	S	-	V4R4
4318 17.54 GB 10k rpm Disk	Y	B	B	B	B	B	B	B	-	V4R4
4319 35.16 GB 10k rpm Disk	Y	B	B	B	B	B	B	B	-	V5R1
4324 17.54 GB Disk Unit	Y	-	S	S	S	S	S	S	-	V4R4
4326 35.16 GB 15k rpm Disk	Y	B	B	B	B	B	B	B	-	V5R2
4327 70.56 GB 15k rpm Disk	Y	B	B	B	B	B	B	B	-	V5R2
4425 CD-ROM	Y	-	-	-	S	S	-	S	-	V4R4

FC and description	CIF	Model or tower								Minimum OS/400
		800	810	825	870	890	5095	5094	5088	
4430 DVD-RAM	Y	-	-	-	S	B	-	S	-	V4R5
4482 4 GB ¼-in. Cartridge Tape	Y	-	-	-	S	B	-	S	-	V4R4
4483 16 GB ¼-in. Cartridge Tape	Y	-	-	-	S	S	-	S	-	V4R4
4486 25 GB ¼-in. Cartridge Tape	Y	-	-	-	S	S	-	S	-	V4R4
4487 50 GB ¼-in. Cartridge Tape	Y	-	-	-	S	B	-	S	-	V5R1
4525 CD-ROM	Y	-	S C	-	-	-	-	-	-	V4R5
4530 DVD-RAM	Y	B	B	-	-	-	-	-	-	V4R5
4531 DVD-ROM	Y	B	B	-	-	-	-	-	-	V5R2
4582 4 GB ¼-in. Cartridge Tape	Y	B	B	-	-	-	-	-	-	V4R5
4583 16 GB ¼-in. Cartridge Tape	Y	-	S C	-	-	-	-	-	-	V4R5
4584 30 GB ¼-in. Cartridge Tape	Y	B	B	-	-	-	-	-	-	V4R5
4586 25 GB ¼-in. Cartridge Tape	Y	-	S C	-	-	-	-	-	-	V4R5
4587 50 GB ¼-in. Cartridge Tape	Y	B	B	-	-	-	-	-	-	V5R1
4625 CD-ROM	Y	-	-	S C	S C	S C	-	S C	-	V5R2
4630 DVD-RAM	Y	-	-	B	B	B	-	B	-	V5R2
4631 DVD-ROM	Y	-	-	B	B	B	-	B	-	V5R2
4682 4 GB ¼-in. Cartridge Tape	Y	-	-	B	B	B	-	B	-	V5R2
4684 30 GB ¼-in. Cartridge Tape	Y	-	-	B	B	B	-	B	-	V5R2
4686 25 GB ¼-in. Cartridge Tape	Y	-	-	S C	S C	S C	-	S C	-	V5R2
4687 50 GB ¼-in. Cartridge Tape	Y	-	-	B	B	B	-	B	-	V5R2
4723 PCI 10 Mbps Ethernet IOA	Y	-	S C	S C	S C	S C	S	S	S	V4R5
4745 PCI Two-Line WAN IOA	Y	-	S	S	S	B	S	S	S	V4R5
4746 PCI Twinaxial Workstation IOA	Y	B	B	B	B	B	B	B	B	V4R5
4748 PCI RAID Disk Unit Controller	Y	-	S C	S C	S C	S C	S C	S C	-	V4R5
4778 PCI RAID Disk Unit Controller	Y	B	B	B	B	B	B	B	-	V4R5
4801 PCI Cryptographic Coprocessor	Y	B	B	B	B	B	B	B	B	V4R5
4805 PCI Cryptographic Accelerator	Y	B	B	B	B	B	B	B	B	V5R2
4815 PCI 155 Mbps UTP OC3 ATM	Y	-	S C	S C	S C	S C	S	S	S	V4R5
4816 PCI 155 Mbps MMF ATM	Y	-	S C	S C	S C	S C	S	S	S	V4R5
4818 PCI 155 Mbps SMF OC3 ATM	Y	-	S C	S C	S C	S C	S	S	S	V4R5
4838 PCI 100/10 Mbps Ethernet IOA	Y	-	S C	S C	S C	B	S C	S C	S C	V4R5
5074 PCI Expansion Tower	Y	-	S C	S C	S C	B	-	-	-	V4R5
5075 PCI Expansion Tower	Y	-	S	S	-	-	-	-	-	V4R5
5078 PCI Expansion Unit	N	-	-	-	-	-	-	S	-	V4R5
5079 1.8 M I/O Tower	Y	-	S C	S C	S C	B	-	-	-	V4R5
5088 PCI-X Expansion Unit	N	-	-	-	B	B	-	B	-	V5R2
5094 PCI-X Expansion Tower	Y	B	B	B	B	B	-	-	-	V5R2
5095 PCI-X Expansion Tower	Y	B	B	B	B	B	-	-	-	V5R2

FC and description	CIF	Model or tower								Minimum OS/400
		800	810	825	870	890	5095	5094	5088	
5107 30-Disk Expansion	N	-	-	-	B	B	-	-	-	V5R2
5108 30-Disk Expansion	N	-	-	-	-	-	-	B	-	V5R2
5111 30-Disk Exp w/Dual Line Cord	N	-	-	-	-	-	-	-	-	V5R1
5114 Dual Line Cords - Tower	N	-	-	-	B	B	-	-	-	V5R2
5115 Dual Line Cords - Tower	Y	-	-	-	B	B	-	B	-	V5R2
5116 Dual Line Cords - 5294 Tower	Y	-	-	-	-	-	-	B	-	V5R2
5138 Redundant Power/Cooling	Y	-	-	-	-	-	B	-	-	V5R2
5160 PDU 1 Phase NEMA	N	B	B	B	B	B	-	-	-	V5R1
5161 PDU 1 Phase IEC	N	B	B	B	B	B	-	-	-	V5R1
5162 PDU 2 of 3 Phase	N	B	B	B	B	B	-	-	-	V5R1
5294 1.8 M I/O Tower	Y	-	B	B	B	B	-	-	-	V5R2
5540 Sys Console on Twinax WSC	Y	B	B	B	B	B	-	-	-	V4R5
5544 Sys Console on Ops. Console	Y	B	B	B	B	B	-	-	-	V4R5
5546 Sys Console 100 Mbps TRN	Y	B	B	-	B	B	-	-	-	V5R1
5548 Sys Cons. 100 Mbps Ethernet	Y	B	B	B	B	B	-	-	-	V5R1
5700 PCI 1 Gbps Ethernet IOA	Y	B	B	B	B	B	B	B	B	V5R2
5701 PCI 1 Gbps Ethr UTP IOA	Y	B	B	B	B	B	B	B	B	V5R2
5702 PCI-X Ultra Tape Controller	Y	B	B	B	B	B	B	B	B	V5R2
5705 PCI Controller	Y	P	B	-	-	-	-	-	-	V5R2
7002 HSL Enabler	Y	B	-	-	-	-	-	-	-	V4R5
7116 System Unit Expansion	Y	B	B	-	-	-	-	-	-	V5R2
7124 DASD Expansion - 5 slot	Y	-	-	B	-	-	-	-	-	V5R2
7136 DASD Expansion - 6 slot	Y	B	B	-	-	-	-	-	-	V5R2
7137 DASD Concurrent Maintenance	Y	B	-	-	-	-	-	-	-	V5R2
8093 Opt Base 1.8 M I/O Rack	N	-	-	-	-	PU	-	-	-	V5R2
8094 Opt Base 1.8 M I/O Rack	N	-	-	-	PU	PU	-	-	-	V5R2
9079 Base I/O Tower	N	-	-	-	SC	SC	-	-	-	V4R5
9094 Base PCI-X I/O Enclosure	N	-	-	-	PU	PU	-	-	-	V5R2
9603 Base POD Activation	N	-	-	-	P	P	-	-	-	V5R2
9726 Base 512 MB Server Memory	Y	-	-	PU	PU	PU	PU	PU	PU	V5R2
9730 Base HSL-2 Ports - 4 Copper	Y				PU	PU				V5R2
9746 Base PCI Twinax Wrkstn IOA	Y	P	-	-	-	-	P	P	P	V5R2
9749 Base PCI 100/10 Eth IOA	Y	P	-	-	-	-	P	P	P	V5R2
9771 Base PCI 2-Line WAN w/ Modem	Y	P	PU	PU	PU	PU	-	-	-	V4R5
9785 Base HSL-2 Ports - 2 Copper	Y	-	-	PU	-	-	-	-	-	V5R2
9786 Base HSL Ports - 2 Optical	Y	-	-	PU	-	-	-	-	-	V5R2
9787 Base HSL-2 Ports - 2 Copper	N	-	-	B	-	-	-	-	-	V5R2
9789 Base HSL Ports - 4 Optical	Y				-	PU				V5R2
9792 Base PCI Integ xSeries Server	Y	-	-	PU	PU	PU	PU	PU	PU	V5R2

FC and description	CIF	Model or tower								Minimum OS/400
		800	810	825	870	890	5095	5094	5088	
9793 Base PCI 2-Line WAN w/ Modem	Y	P	P U	P U	P U	P U	-	-	-	V5R2
9794 Base PCI 2-Line WAN w/ Modem	Y	P	P U	P U	P U	P U	-	-	-	V5R2
9844 Base PCI IOP	Y	-	-	P U	P U	P U	B	B	-	V5R2
9886 Base Optical Bus Adapter	Y	-	-	-	-	-	B	B	B	V5R2
9887 Base HSL-2 Bus Adapter	Y	-	-	-	B	B	B	B	B	V5R2
9943 Base PCI IOP	Y	-	-	-	-	B	-	-	-	V4R5

The following table shows the Models 270, 820, 830, 840, and 890 (#2487, #2488, #0197, and #0198 processors), and their associated expansion units.

Note: The SPD Tower column indicates any #50*xx* tower, except the #5065 and #5066. The #8079, #9074, and #9079 are identified as a CIF for the purposes of a new MES.

CIF and description	CIF	Model or tower													Minimum OS/400
		270	820	830	840	890	503X	5065	5074	5075	5078	5079	8079	8093	9074	9079	
0041 Device Parity Protection-All	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V4R5
0087 7207-122 Attachment	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V4R4
0089 External Tape Attach	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V4R5
0092 External xSeries Attach	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R1
0120 7210-020 Attachment	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V4R5
0121 270 Lower Unit in Rack	Y	P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
0122 270 Upper Unit in Rack	Y	P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
0123 #5074 Lower Unit in Rack	Y	-	B	B	B	S	-	-	-	-	-	-	-	-	-	-	V4R5
0125 #9079 Lower Unit in Rack	Y	-	-	-	P	S	-	-	-	-	-	-	-	-	-	-	V4R5
0126 CEC Reduction Option	N	-	-	-	-	P	-	-	-	-	-	-	-	-	-	-	V5R2
0127 Field Install in Rack	N	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
0133 Field Install in Rack	N	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R2
0140 Logical Partitioning Specify	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V4R4
0141 HSL OptiConnect Specify	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R1
0142 Linux Partition Specify	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R1
0150 Model 820 Base Prcssr	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
0151 Model 820 Base Prcssr	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
0152 Model 820 Base Prcssr	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
0153 Model 830 8-way Prcssr	N	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V5R2
0158 Model 840 12-way Prcssr	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V5R2
0159 Model 840 24-way Prcssr	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V5R2
0162 Extended Single Ended Attach	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R1
0163 Fibre Channel Attach	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R1

CIF and description	Model or tower																Minimum OS/400
	CIF	270	820	830	840	890	503X	5065	5074	5075	5078	5079	8079	8093	9074	9079	
0164 Differential Attach	Y	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R1
0197 Model 890 24-way Prcssr	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
0198 Model 890 32-way Prcssr	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
0208 No Alt Install Device Use	Y	P	P	P	P	-	-	-	-	-	-	-	-	-	-	-	V4R5
0223 100 Mbps Token-Ring Specify	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V4R5
0224 100/10 Mbps Ethernet Specify	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V4R5
0225 1 Gbps Ethernet Specify	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
0226 1 Gbps Ethernet Specify	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R2
0297 Model 250 package	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
0298 Model 250 package	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
0369 100m Optical SPCN Cable	Y	-	-	B	B	B	-	-	B	-	B	B	B	B	B	B	V5R1
0371 LC-SC Adapter Kit (50 um)	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
0372 LC-SC Adapter Kit (62.5 um)	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
0382 Remote Control Panel Cable	Y	S	S	S	S	S	-	-	-	-	-	-	-	-	-	-	V4R5
0383 Remote Control Panel Cable	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R2
0426 512 MB Server Memory	N	-	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
0427 1 GB Server Memory	N	-	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
0446 512 MB DDR Server Memory	Y	B	-	-	-	-	-	-	B	-	-	-	-	-	-	-	V5R2
0447 1 GB DDR Server Memory	Y	B	-	-	-	-	-	-	B	-	-	-	-	-	-	-	V5R2
0550 830 Rack	N	-	-	P	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
0551 iSeries Rack	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V4R5
0565 #5065 Equivalent	Y	-	-	-	-	-	S	-	-	-	-	-	-	-	-	-	V4R4
0574 #5074 Equivalent	Y	-	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V4R5
0578 PCI Expansion Unit in Rack	N	-	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R1
0588 PCI Expansion Unit in Rack	N	-	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R2
0595 PCI Expansion Unit in Rack	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R2
0601 Linux Dir Attach-2743	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
0602 Linux Dir Attach-2760	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
0603 Linux Dir Attach-2744	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
0604 Linux Dir Attach-2763	Y	-	B	-	-	-	-	-	-	B	-	-	-	-	-	-	V5R1
0605 Linux Dir Attach-4748	Y	-	S	S	S	S	-	-	S	S	-	S	S	S	S	S	V5R1
0606 Linux Dir Attach-4778	Y	-	B	B	B	B	-	-	B	B	-	B	B	B	B	B	V5R1
0607 Linux Dir Attach-4838	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
0608 Linux Dir Attach-4745	Y	B	B	B	B	M	-	-	B	B	B	B	B	B	B	B	V5R1
0609 Linux Dir Attach-2772	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
0610 Linux Dir Attach-2773	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
0611 Linux Dir Attach-2765	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
0612 Linux Dir Attach-2766	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
0613 Linux Dir Attach-2742	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
0614 Linux Dir Attach-2793	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
0615 Linux Dir Attach-2794	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
0616 Linux Dir Attach-2805	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1

CIF and description	Model or tower															Minimum OS/400
	CIF	270	820	830	840	890	503X	5065	5074	5075	5078	5079	8079	8093	9074	9079	
0617 Linux Dir Attach-2806	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
0618 Linux Dir Attach-2757	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
0619 Linux Dir Attach-2782	Y	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R2
0620 Linux Dir Attach-5700	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
0621 Linux Dir Attach-5701	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
0623 Linux Dir Attach-2849	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
0624 Linux Dir Attach-5702	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
0705 Forced #2749 Placement	Y	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R1
0707 Forced #2768 Placement	Y	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R1
0826 #4314 Load Source Specify	Y	M	M	M	M	M	-	-	-	-	-	-	-	-	-	-	V4R5
0827 #4324 Load Source Specify	Y	M	M	M	M	M	-	-	-	-	-	-	-	-	-	-	V4R5
0828 #4317 Load Source Specify	Y	B	B	B	B	M	-	-	-	-	-	-	-	-	-	-	V4R5
0829 #4318 Load Source Specify	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V4R5
0830 #4319 Load Source Specify	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R1
1460 3m Copper HSL Cable	Y	B	B	B	B	-	B	-	B	B	B	B	B	B	B	B	V4R5
1461 6m Copper HSL Cable	Y	B	B	B	B	-	B	-	B	B	B	B	B	B	B	B	V4R5
1462 15m Copper HSL Cable	Y	B	B	B	B	-	B	-	B	B	B	B	B	B	B	B	V4R5
1463 2m SPCN Cable	Y	B	B	B	B	B	B	-	B	B	B	B	B	B	B	B	V4R5
1464 6m SPCN Cable	Y	B	B	B	B	B	B	-	B	B	B	B	B	B	B	B	V4R5
1465 15m SPCN Cable	Y	B	B	B	B	B	B	-	B	B	B	B	B	B	B	B	V4R5
1466 30m SPCN Cable	Y	B	B	B	B	B	B	-	B	B	B	B	B	B	B	B	V4R5
1468 250m Optical SPCN Cable	Y	-	-	B	B	B	-	-	B	-	B	B	B	B	B	B	V5R1
1470 6m HSL Optical Cable	Y	-	-	B	B	B	-	-	B	-	B	B	B	B	B	B	V5R1
1471 30m HSL Optical Cable	Y	-	-	B	B	B	-	-	B	-	B	B	B	B	B	B	V5R1
1472 100m HSL Optical Cable	Y	-	-	B	B	B	-	-	B	-	B	B	B	B	B	B	V5R1
1473 250m HSL Optical Cable	Y	-	-	B	B	B	-	-	B	-	B	B	B	B	B	B	V5R1
1474 6m HSL to HSL-2 Cable	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
1475 10m HSL to HSL-2 Cable	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
1482 3.5m HSL-2 Cable	Y	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
1483 10m HSL-2 Cable	Y	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
1485 15m HSL-2 Cable	Y	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
1516 5250 CPW Capacity Card	N	P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
1517 5250 CPW Capacity Card	N	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
1518 5250 CPW Capacity Card	N	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
1519 5250 CPW Capacity Card	N	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
1520 5250 CPW Capacity Card	N	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
1521 5250 CPW Capacity Card	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
1522 5250 CPW Capacity Card	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
1523 5250 CPW Capacity Card	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
1524 5250 CPW Capacity Card	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5

CIF and description	CIF	Model or tower														Minimum OS/400
		270	820	830	840	890	503X	5065	5074	5075	5078	5079	8079	8093	9074	9079	
1525 5250 CPW Capacity Card	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
1526 5250 CPW Capacity Card	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
1527 5250 CPW Capacity Card	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
1531 5250 CPW Capacity Card	N	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
1532 5250 CPW Capacity Card	N	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
1533 5250 CPW Capacity Card	N	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
1534 5250 CPW Capacity Card	N	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
1535 5250 CPW Capacity Card	N	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
1536 5250 CPW Capacity Card	N	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
1537 5250 CPW Capacity Card	N	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
1540 5250 CPW Capacity Card	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
1541 5250 CPW Capacity Card	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
1542 5250 CPW Capacity Card	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
1543 5250 CPW Capacity Card	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
1544 5250 CPW Capacity Card	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
1545 5250 CPW Capacity Card	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
1546 5250 CPW Capacity Card	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
1547 5250 CPW Capacity Card	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
1548 5250 CPW Capacity Card	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V5R1
1576 5250 CPW Capacity Card	N	-	-	-	-	P	-	-	-	-	-	-	-	-	-	-	V5R2
1577 5250 CPW Capacity Card	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
1578 5250 CPW Capacity Card	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
1579 5250 CPW Capacity Card	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
1581 5250 CPW Capacity Card	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
1583 5250 CPW Capacity Card	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
1585 5250 CPW Capacity Card	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
1587 5250 CPW Capacity Card	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
1588 5250 CPW Capacity Card	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
1591 5250 CPW Capacity Card	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
1604 POD Activation	Y	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
1605 POD Activation	Y	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
1610 890 POD Activation	Y	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2

CIF and description	Model or tower																Minimum OS/400
	CIF	270	820	830	840	890	503X	5065	5074	5075	5078	5079	8079	8093	9074	9079	
2248 Model 270 Processor	N	P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
2250 Model 270 Processor	N	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
2252 Model 270 Processor	N	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
2253 Model 270 2-way Prcssr	N	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
2301 Model 270 Processor	N	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2302 Model 270 Processor	N	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2303 Model 820 Processor	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2349 Model 830 4/8-way Processor	N	-	-	P	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
2351 Model 830 1/8-way POD	N	-	-	P	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
2352 Model 840 8/12-way POD	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
2353 Model 840 12/18-way POD	N	-	-		B	-	-	-	-	-	-	-	-	-	-	-	V5R1
2354 Model 840 18/24-way POD	N	-	-		B	B	-	-	-	-	-	-	-	-	-	-	V5R1
2395 Model 820 Processor	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2396 Model 820 Processor	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2397 Model 820 2-way Prcssr	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
2398 Model 820 4-way Prcssr	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
2400 Model 830 2-way Prcssr	N	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
2402 Model 830 4-way Prcssr	N	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
2403 Model 830 8-way Prcssr	N	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
2416 Model 840 8/12-way POD	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
2417 Model 840 12/18-way POD	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
2418 Model 840 12-way Prcssr	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
2419 Model 840 18/24-way POD	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
2420 Model 840 24-way Prcssr	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
2422 Dedicated Domino Processor	N	P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
2423 Dedicated Domino Processor	N	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
2424 Dedicated Domino 2-way Processor	N	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
2425 Dedicated Domino Processor	N	-	P	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
2426 Dedicated Domino 2-way Processor	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
2427 Dedicated Domino 4-way Processor	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
2431 Model 270 Processor	N	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2432 Model 270 Processor	N	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2434 Model 270 2-way Prcssr	N	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2435 Model 820 Processor	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2436 Model 820 Processor	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2437 Model 820 2-way Prcssr	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2438 Model 820 4-way Prcssr	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2452 Dedicated Domino Processor	N	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2454 Dedicated Domino 2-way Processor	N	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2456 Dedicated Domino Processor	N	-	P	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1

CIF and description	Model or tower																Minimum OS/400
	CIF	270	820	830	840	890	503X	5065	5074	5075	5078	5079	8079	8093	9074	9079	
2457 Dedicated Domino 2-way Processor	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2458 Dedicated Domino 4-way Processor	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2460 Model 840 12-way Prcssr	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V5R1
2461 Model 840 24-way Prcssr	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V5R1
2487 Model 890 16/24-way Processor	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
2488 Model 890 24/32-way Processor	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
2723 PCI Ethernet IOA (CIF=Y in 5033 and 250)	N	-	-	-	-	-	S	S	-	-	-	-	-	-	-	-	V4R1
2724 PCI 16/4 Mbps Token-Ring IOA (CIF=Y in 5033, 250)	N	-	-	-	-	-	S	S	-	-	-	-	-	-	-	-	V4R1
2729 PCI Mag Media Contrlr (CIF=Y in 5033, 250)	N	-	-	-	-	-	S	S	-	-	-	-	-	-	-	-	V4R1
2738 HSL Ports - 8 Copper	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
2739 Optical Bus Adapter	N	-	-	-	-	-	-	-	M	-	M	M	M	M	M	M	V5R1
2742 PCI Two-Line WAN IOA	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
2743 PCI 1 Gbps Ethernet IOA	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V4R5
2744 PCI 100 Mbps Token-Ring IOA	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V4R5
2745 PCI Two-line WAN IOA (CIF=Y in 5033, 250)	N	-	-	-	-	-	M	M	-	-	-	-	-	-	-	-	V4R4
2746 PCI Twinaxial Workstn IOA (CIF=Y in 5033, 250)	N	-	-	-	-	-	M	M	-	-	-	-	-	-	-	-	V4R4
2748 PCI RAID Disk Unit Contrlr (CIF=Y in 5033, 250)	N	-	-	-	-	-	S	S	-	-	-	-	-	-	-	-	V4R4
2749 PCI Ultra Mag Media Controller	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V4R5
2750 PCI ISDN BRI U IOA (CIF=Y in 5033 and 250)	N	-	-	-	-	-	S	S	-	-	-	-	-	-	-	-	V4R4
2751 PCI ISDN BRI S/T IOA (CIF=Y in 5033, 250)	N	-	-	-	-	-	S	S	-	-	-	-	-	-	-	-	V4R4
2754 HSL Ports - 8 Copper	N	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2755 HSL Ports -16 Copper	N	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-	V5R1
2757 PCI-X Ultra RAID Disk Controller	Y	B	B	B	B	B	-	-	B	B	-	B	B	B	B	B	V5R2
2758 HSL Ports - 2 Opt/6 Copper	N	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2759 HSL Ports - 4 Opt/12 Copper	N	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-	V5R1
2760 PCI 1 Gbps Ethernet UTP IOA	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
2761 PCI Integrated Analog Modem (CIF=Y in 5033)	N	-	-	-	-	-	S	S	-	-	-	-	-	-	-	-	V4R4
2763 PCI RAID Disk Unit Controller (CIF=N in 250)	Y	B	B	-	-	-	-	-	-	B	-	-	-	-	-	-	V4R5
2765 PCI Fibre Channel Tape Controller	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
2766 PCI Fibre Channel Disk Controller	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
2768 PCI Magnetic Media Controller	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V4R5
2772 PCI Dual WAN/Modem IOA	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
2773 PCI Dual WAN/Modem IOA (ANSI)	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1

CIF and description	Model or tower																Minimum OS/400
	CIF	270	820	830	840	890	503X	5065	5074	5075	5078	5079	8079	8093	9074	9079	
2774 HSL Ports - 2 Opt/6 Copper	N	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2776 HSL-2 Ports - 8 Copper	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
2777 HSL Ports - 8 Copper	N	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
2778 PCI RAID Disk Unit Controller	N	-	-	-	-	-	-	M	-	-	-	-	-	-	-	-	V5R1
2782 PCI-X RAID Disk Controller	Y	B	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R2
2788 HSL Ports - 8 Optical	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
2790 PCI Integrated Netfinity Server	N	-	S	S	S	S	-	-	S	S	S	S	S	S	S	S	V4R5
2791 PCI Integ xSeries Server	N	-	S	S	S	S	-	-	S	S	S	S	S	S	S	S	V4R5
2792 PCI Integ xSeries Server	N	-	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
2793 PCI 2-Line WAN w/ Modem	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
2794 PCI 2-Line WAN w/ Modem (CIM)	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
2795 128 MB Server Memory	N	-	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V4R5
2796 256 MB Server Memory	N	-	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V4R5
2797 1 GB Server Memory	N	-	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V4R5
2799 PCI Integ xSeries Server	N	-	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
2805 PCI Quad Modem IOA	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
2806 PCI Quad Modem IOA (CIM)	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
2817 PCI 155 Mbps MMF ATM	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R1
2824 PCI LAN/WAN/Workstn IOP (CIF=Y in 5033, 250)	N	-	-	-	-	-	M	M	-	-	-	-	-	-	-	-	V4R4
2838 PCI 100/10 Mbps Ethernet IOA (CIF=Y in 5033)	N	-	-	-	-	-	M	M	-	-	-	-	-	-	-	-	V4R1
2842 PCI IOP	Y	B	-	-	-	-	-	-	-	B	-	-	-	-	-	-	V4R5
2843 PCI IOP	Y	-	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V4R5
2844 PCI IOP	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V4R5
2849 PCI 100/10 Mbps Ethernet IOA	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
2881 Main Storage Expansion	N	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
2884 Main Storage Expansion	Y	B	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
2890 PCI Integrated Netfinity Server	Y	S	-	-	-	-	-	-	-	S	-	-	-	-	-	-	V4R5
2891 PCI Integ xSeries Server	Y	S	-	-	-	-	-	-	-	S	-	-	-	-	-	-	V4R5
2892 PCI Integ xSeries Server	Y	B	-	-	-	-	-	-	-	B	-	-	-	-	-	-	V5R2
2895 128 MB Server Memory	Y	B	-	-	-	-	-	-	-	B	-	-	-	-	-	-	V4R5
2896 256 MB Server Memory	Y	B	-	-	-	-	-	-	-	B	-	-	-	-	-	-	V4R5
2897 1 GB Server Memory	Y	B	-	-	-	-	-	-	-	B	-	-	-	-	-	-	V4R5
2899 PCI Integ xSeries Server	Y	B	-	-	-	-	-	-	-	B	-	-	-	-	-	-	V5R1
3000 Migrated 128 MB Main Storage	N	-	M	M													V4R5
3005 512 MB Main Storage	Y	-	B														V4R5
3006 512 MB Main Storage	Y	-	B														V4R5
3007 1 GB Main Storage	Y	-	B														V5R1
3009 128 MB Main Storage	Y	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
3015 8 GB Main Storage	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
3016 8 GB Main Storage	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
3017 32 GB Main Storage	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
3018 32 GB Main Storage	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
3020 4 GB Main Storage	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
3021 4 GB Main Storage	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2

CIF and description	CIF	Model or tower														Minimum OS/400
		270	820	830	840	890	503X	5065	5074	5075	5078	5079	8079	8093	9074	9079	
3022 128 MB Main Storage	Y	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
3024 256 MB Main Storage	Y	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
3025 512 MB Main Storage	Y	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
3026 512 MB Main Storage	Y	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
3027 1 GB Main Storage	Y	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
3029 128 MB Main Storage	Y	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
3032 256 MB Main Storage	Y	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
3033 512 MB Main Storage	Y	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
3034 1 GB Main Storage	Y	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
3035 16 GB Main Storage	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
3036 16 GB Main Storage	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
3062 128 MB Main Storage	N	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
3064 256 MB Main Storage	N	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
3065 512 MB Main Storage	N	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
3066 512 MB Main Storage	N	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
3067 1 GB Main Storage	Y	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
3195 4096 MB Main Storage	N	-	-	-	S	-	-	-	-	-	-	-	-	-	-	-	V4R5
3196 8192 MB Main Storage	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
3197 1024 MB Main Storage	N	-	-	-	S	-	-	-	-	-	-	-	-	-	-	-	V4R5
3198 2048 MB Main Storage	N	-	-	-	S	-	-	-	-	-	-	-	-	-	-	-	V4R5
3612 1024 MB Main Storage	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
3613 2048 MB Main Storage	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
3614 4096 MB Main Storage	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
4308 4.19 GB Disk Unit	Y	-	-	-	-	-	-	S	S	-	-	S	S	S	S	S	V4R4
4314 8.58 GB Disk Unit	Y	S	S	S	S	S	-	S	S	S	-	S	S	S	S	S	V4R4
4317 8.58 GB 10k rpm Disk Unit	Y	B	B	B	B	S	-	M	B	B	-	B	B	B	B	B	V4R4
4318 17.54GB 10k rpm Disk Unit	Y	B	B	B	B	B	-	M	B	B	-	B	B	B	B	B	V4R4
4319 35.16 GB 10k rpm Disk Unit	Y	B	B	B	B	B	-	-	B	B	-	B	B	B	B	B	V5R1
4324 17.54 GB Disk Unit	Y	S	S	S	S	S	-	S	S	S	-	S	S	S	S	S	V4R4
4326 35.16 GB 15k rpm Disk Unit	Y	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
4327 70.56 GB 15k rpm Disk Unit	Y	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
4331 1.6 GB Read Cache Device	Y	S	S	S	S	-	-	S	S	S	-	S	S	S	S	S	V4R4
4425 CD-ROM	Y	-	-	B	B	S	-	M	B	-	-	B	B	B	B	B	V4R4
4430 DVD-RAM	Y	-	-	B	B	B	-	-	B	-	-	B	B	B	B	B	V4R5
4482 4 GB ¼-in. Cartridge Tape	Y	-	-	B	B	B	-	M	B	-	-	B	B	B	B	B	V4R4
4483 16 GB ¼-in. Cartridge Tape	Y	-	-	B	B	S	-	M	B	-	-	B	B	B	B	B	V4R4
4486 25 GB ¼-in. Cartridge Tape	Y	-	-	B	B	S	-	M	B	-	-	B	B	B	B	B	V4R4
4487 50 GB ¼-in. Cartridge Tape	Y	-	-	B	B	B	-	M	B	-	-	B	B	B	B	B	V5R1
4525 CD-ROM	Y	B	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
4530 DVD-RAM	Y	B	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
4582 4 GB ¼-in. Cartridge Tape	Y	B	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
4583 16 GB ¼-in. Cartridge Tape	Y	B	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
4584 30 GB ¼-in. Cartridge Tape	Y	B	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5

CIF and description	Model or tower																Minimum OS/400
	CIF	270	820	830	840	890	503X	5065	5074	5075	5078	5079	8079	8093	9074	9079	
4586 25 GB ¼-in. Cartridge Tape	Y	B	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
4587 50 GB ¼-in. Cartridge Tape	Y	B	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
4684 30 GB ¼-in. Cartridge Tape	Y	-	-	B	B	B	-	M	B	-	-	B	B	B	B	B	V4R5
4687 50 GB ¼-in. Cartridge Tape	Y	-	-	B	B	B	-	-	B	-	-	B	B	-	B	B	V5R1
4723 PCI 10 Mbps Ethernet IOA	Y	S	S	S	S	S	-	-	S	S	S	S	S	S	S	S	V4R5
4745 PCI Two-Line WAN IOA	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V4R5
4746 PCI Twinaxial Workstation IOA	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V4R5
4748 PCI RAID Disk Unit Controller	Y	S	S	S	S	S	-	-	S	S	-	S	S	S	S	S	V4R5
4750 PCI ISDN BRI U IOA	Y	S	S	S	S	-	-	-	S	S	S	S	S	S	S	S	V4R5
4751 PCI ISDN BRI S/T IOA	Y	S	S	S	S	-	-	-	S	S	S	S	S	S	S	S	V4R5
4761 PCI Integrated Analog Modem	Y	S	S	S	S	-	-	-	S	S	S	S	S	S	S	S	V4R5
4778 PCI RAID Disk Unit Controller	Y	B	B	B	B	B	-	-	B	B	-	B	B	B	B	B	V5R1
4801 PCI Crypto Coprocessor	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V4R5
4802 PCI Cryptographic Coprocessor (CIF=Y in 5033)	N	-	-	-	-	-	S	S	-	-	-	-	-	-	-	-	V4R5
4805 PCI Crypto Accelerator	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
4815 PCI 155 Mbps UTP OC3 ATM	Y	S	S	S	S	S	-	-	S	S	S	S	S	S	S	S	V4R5
4816 PCI 155 Mbps MMF ATM	Y	S	S	S	S	S	-	-	S	S	S	S	S	S	S	S	V4R5
4818 PCI 155 Mbps SMF OC3 ATM	Y	S	S	S	S	S	-	-	S	S	S	S	S	S	S	S	V4R5
4838 PCI 100/10 Mbps Ethernet IOA	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V4R5
5029 Software Version V5R2	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R2
5033 Migration Tower I	N	-	M	S	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
5034 Migration Tower I	N	-	M	M	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
5035 Migration Tower I	N	-	M	M	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
5065 Storage/PCI Expansion Tower	Y	-	-	-	-	-	S	-	-	-	-	-	-	-	-	-	V4R4
5066 1.8 M I/O Tower	Y	-	-	-	-	-	S	-	-	-	-	-	-	-	-	-	V4R4
5074 PCI Expansion Tower	Y	-	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V4R5
5075 PCI Expansion Tower	Y	B	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
5077 Migration Tower II	N	-	-	B	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
5078 PCI Expansion Unit	N	-	-	-	B	-	-	-	B	-	-	B	B	B	B	B	V5R1
5079 1.8 M I/O Tower	Y	-	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V4R5
5088 PCI-X Expansion Unit	N	-	-	-	B	B	-	-	B	-	-	-	-	-	-	B	V5R2
5094 PCI-X Expansion Tower	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R2
5095 PCI-X Expansion Tower	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R2
5101 30-Disk Expansion Feature	N	-	-	B	B	-	-	M	B	-	-	B	B	B	B	B	V4R4
5102 Dual Line Cords - 820 CEC	N	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
5103 Dual Line Cords - 830 CEC	N	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
5104 Dual Line Cords - 840 CEC	N	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V5R1
5105 Dual Line Cords - I/O Tower	N	-	-	-	-	-	-	-	B	-	-	B	B	B	B	B	V5R1

CIF and description	Model or tower															Minimum OS/400
	CIF	270	820	830	840	890	503X	5065	5074	5075	5078	5079	8079	8093	9074	9079	
5106 Dual Line Cords - 5079 Tower	N	-	-	-	-	-	-	-	B	-	-	B	B	B	B	B	V5R1
5107 30-Disk Expansion Feature	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
5111 30-Disk Expansion w/ Dual Line Cord	N	-	-	B	B	B	-	-	B	-	-	B	B	B	B	B	V5R1
5114 Dual Line Cords - Tower	Y	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
5117 30-Disk Expansion w/ Dual Line Cord	N	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
5155 Redundant Power and Cooling	Y	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
5156 Redundant Power and Cooling	Y	-	-	-	-	-	-	-	-	B	-	-	-	-	-	-	V4R5
5157 Feature Power Supply	Y	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
5160 Power Dist Unit 1 Phase NEMA	N	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R1
5161 Power Dist Unit 1 Phase IEC	N	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R1
5162 Power Dist Unit 2 of 3 Phase	N	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R1
5294 PCI-X Expansion Tower	Y	-	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R2
5537 Alt-IPL Spec for 3580	Y	B	B	B	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
5538 Alt IPL spec for DVD-RAM	Y	B	B	B	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
5546 System Console 100 Mbps Token-Ring	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R1
5548 System Console 100 Mbps Ethernet	Y	B	B	B	B	B	-	-	-	-	-	-	-	-	-	-	V5R1
5599 No Save/Restore Device	-	B	B	B	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
5700 PCI 1 Gbps Ethernet IOA	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
5701 PCI 1 Gbps Ethernet UTP IOA	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
5702 PCI-X Ultra Tape Contrlr	Y	B	B	B	B	B	-	-	B	B	B	B	B	B	B	B	V5R2
6384 30 GB ¼-in. Cartridge Tape	Y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
6425 CD-ROM (CIF=Y in 5033)	N	-	-	-	-	-	S	-	-	-	-	-	-	-	-	-	V4R4
6484 30 GB ¼-in. Cartridge Tape (CIF=Y in 5033)	N	-	-	-	-	-	M	-	-	-	-	-	-	-	-	-	V4R5
6818 17.54 GB 10k rpm Disk Unit (CIF=Y in 5033, 250)	N	-	-	-	-	-	M	-	-	-	-	-	-	-	-	-	V4R4
6831 1.6 GB Read Cache Device (CIF=Y in 5033, 250)	N	-	-	-	-	-	S	-	-	-	-	-	-	-	-	-	V4R4
7002 HSL Enabler	Y	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
7104 System Unit Expansion	Y	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
7123 DASD Expansion Unit	Y	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
7127 DASD Expansion Unit	Y	-	B	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
7133 DASD Concurrent Maintenance Cage	N	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
7500 Quantity 150 of #4314	Y	-	S	S	S	S	-	S	S	-	-	S	S	S	S	S	V4R5
7501 Quantity 150 of #4317	Y	-	B	B	B	S	-	M	B	-	-	B	B	B	B	B	V4R5
7502 Quantity 150 of #4318	Y	-	B	B	B	B	-	M	B	-	-	B	B	B	B	B	V4R5
7503 Quantity 150 of #4324	Y	-	S	S	S	S	-	S	S	-	-	S	S	S	S	S	V4R5
7504 Quantity 150 of #4319	Y	-	B	B	B	B	-	-	B	-	-	B	B	B	B	B	V5R1
8079 Opt Base 1.8 M I/O Rack	Y	-	-	-	P	-	-	-	-	-	-	-	-	-	-	-	V4R5
8093 Opt Base 1.8 M I/O Rack	Y	-	-	-	-	P	-	-	-	-	-	-	-	-	-	-	V5R2
9002 Dual Line Cord Enabler	N	-	P	-	-	-	-	-	-	-	-	-	-	-	-	-	V5R1

CIF and description	Model or tower															Minimum OS/400
	CIF	270	820	830	840	890	503X	5065	5074	5075	5078	5079	8079	8093	9074	9079	
9057 Storage Expansion Unit	N	-	-	B	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
9074 Base I/O Enclosure	Y	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
9079 Base I/O Tower	Y	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
9094 Base PCI-X I/O Enclosure	Y	-	-	-	-	P	-	-	-	-	-	-	-	-	-	-	V5R2
9301 Upgraded 30-Disk Expansion	N	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-	V4R5
9330 Base PCI Integrated Expansion Unit	N	-	-	-	-	-	S	-	-	-	-	-	-	-	-	-	V4R4
9691 Base Bus Adapter	Y	-	-	-	-	-	-	-	B	-	B	B	B	B	B	B	V4R5
9730 Base HSL-2 Ports - 4 Copper	Y	-	-	-	-	P	-	-	-	-	-	-	-	-	-	-	V5R2
9732 Base HSL Ports - 8 Copper	Y	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
9733 Base HSL Ports - 8 Copper	Y	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V4R5
9737 Base HSL Ports - 16 Copper	Y	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V4R5
9739 Base Optical Bus Adapter	Y	-	-	-	-	-	-	-	B	-	B	B	B	B	B	B	V5R1
9748 Base PCI Disk Unit Controller	Y	-	-	S	S	-	-	-	-	-	-	-	-	-	-	-	V4R5
9752 Base HSL Ports - 8 Copper	Y	-	-	P	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
9755 Base HSL Ports -16 Copper	Y	-	-	-	P	-	-	-	-	-	-	-	-	-	-	-	V5R1
9758 Base HSL Ports - 2 Opt/ 6 Copper	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
9759 Base HSL Ports-4 Opt/ 12 Copper	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	V5R1
9767 Base PCI Disk Unit Controller	Y	P	P	-	-	-	-	-	-	S	-	-	-	-	-	-	V4R5
9771 Base PCI 2-Line WAN w/ Modem	Y	P	P	P	P	P	P	-	-	-	-	-	-	-	-	-	V4R5
9774 Base HSL Ports - 2 Opt/ 6 Copper	-	-	-	B	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
9777 Base HSL Ports - 8 Copper	N	-	-	P	-	-	-	-	-	-	-	-	-	-	-	-	V5R1
9778 Base PCI RAID Disk Unit Controller	Y	-	-	B	B	-	-	-	-	-	-	-	-	-	-	-	V5R1
9789 Base HSL Ports - 4 Optical	Y	-	-	-	-	P	-	-	-	-	-	-	-	-	-	-	V5R2
9793 Base PCI 2-Line WAN w/ Modem	Y	P	P	P	P	P	P	-	-	-	-	-	-	-	-	-	V5R2
9794 Base PCI 2-Line WAN w/ Modem	Y	P	P	P	P	P	P	-	-	-	-	-	-	-	-	-	V5R2
9887 Base HSL-2 Bus Adapter	Y	-	-	-	-	B	-	-	-	-	-	-	-	-	-	-	V5R2
9943 Base PCI IOP	Y	-	-	B	B	B	-	-	B	-	B	B	B	B	B	B	V4R5

iSeries storage and media

This section addresses storage and media for the current iSeries product line.

Internal tape and CD-ROM

This table shows the internal tape units that are supported in the iSeries 250, 270, 800, 810, 820, 825, 830, 840, 870, and 890 systems, and supported expansion and migration towers.

Internal tape media		System and expansion unit supported												
Feature number	Size	250	270	800	810	820	825/870/890	830/840	5033/5034/5035	5065/5066	5072/5073	5074/5079	5077	5094
1349	1.2 GB ¼-in.								S					
1350	2.5 GB ¼-in.								S					
1355	13 GB ¼-in.								S					
1360	7 GB 8mm								S					
1379	1.2 GB ¼-in.										S		S	
1380	2.5 GB ¼-in.										S		S	
4425	CD-ROM						S	X		M		X		S
4430	DVD-RAM						S	X				X		S
4482	4 GB ¼-in.						S	X		M				S
4483	16 GB ¼-in.						S	X		M		X		S
4486	25 GB ¼-in.						S			M		X		S
4487	50 GB ¼-in.						S	X				X		X
4525	CD-ROM		X		S	X						X		S
4530	DVD-RAM		X	X	X	X								
4531	DVD-ROM		X	X	X	X								
4582	4 GB ¼-in.		X	X	X	X								
4583	16 GB ¼-in.				S	X								
4584	30 GB ¼-in.		X	X	X	X								
4586	25 GB ¼-in.		X		S	X								
4587	50 GB ¼-in.		X	X	X	X								
4625	CD-ROM						S	X				X		S
4630	DVD-RAM						X	X				X		X
4631	DVD-ROM						X	X				X		X
4682	4 GB ¼-in.						X	X				X		X
4684	30 GB ¼-in.						X	X		M		X		X
4686	25 GB ¼-in.						S	S				S		S
4687	50 GB ¼-in.						X	X				X		X

Internal tape media		System and expansion unit supported												
Feature number	Size	250	270	800	810	820	825/870/890	830/840	5033/5034/5035	5065/5066	5072/5073	5074/5079	5077	5094
6325	CD-ROM										M		X	
6380	2.5 GB ¼-in.										S		S	
6381	2.5 GB ¼-in.	X									M		X	
6382	4 GB ¼-in.	X									M		X	
6383	16 GB ¼-in.	X									M		X	
6384	30 GB ¼-in.										M		M	
6385*	13 GB ¼-in.	S									S		S	
6386	25 GB ¼-in.	X									M		M	
6390	7 GB 8mm										S		S	
6425	CD-ROM								M					
6480	2.5 GB ¼-in.								M					
6481	2.5 GB ¼-in.								M					
6482	4 GB ¼-in.								M					
6483	16 GB ¼-in.								M					
6484	30 GB ¼-in.								M					
6485*	13 GB ¼-in.								S					
6486	25 GB ¼-in.								M					
6490	7 GB 8mm								S					

Notes:
X Orderable for initial installation and field upgrade (MES) orders.
C Supported. MES installation for feature conversions only.
M Orderable for field upgrade (MES) orders only.
S Supported but not orderable.
***** Not supported with V5R2.

Internal tape units

This table shows the read/write compatibilities of internal tape drives currently marketed by IBM.

Format	Capacity	Media	2.5 GB	2.5 GB	4 GB	13 GB	16 GB	25 GB	30 GB	50 GB
			6380	6381 6481	4482 4582 6382 6482	6385 6485	4483 4583 6383 6483	4486 4586 6386 6486	4584 4684 6384 6484	4487 4587
SLR100	50 GB	SLR100-50GB			--		--	--	--	R/W
SLR100	5 GB	SLR100-5GB			--		--	--	R/W	R/W
SLR60	30 GB	SLR60-30GB	--	--	--	--	--	--	R/W	R/W
MLR3	25 GB	MLR3-25 GB	--	--	--	--	--	R/W	R/W	R/W
QIC5010	16 GB	MLR1-16 GB	--	--	--	R/W	R/W	R/W	R/W	R
QIC5010	2 GB	MLR1-2 GB			--	R/W	R/W	R/W	R/W	R
QIC5010	13 GB	DC5010	--	--	--	R/W	R/W	R/W	R/W	R
QIC4DC	8 GB	SLR5-4 GB	--	--	R/W	--	R	R	R	R
QIC4GB	4 GB	SLR5-4 GB	--	--	R/W	--	R	R	R	R
QIC2DC	5 GB	DC9250	--	R/W	R/W	--	R	R	R	--
QIC2GB	2.5 GB	DC9250	R/W	R/W	R/W	R/W	R	R	R	--
QIC1000	1.2 GB	DC9120	R/W	R/W	R/W	R/W	--	--		--
QIC525	525 MB	DC6525	R/W	R/W	R/W	R/W	--	--		--
QIC525	320 MB	DC6320	R/W	R/W	R/W	R/W	--	--		--
QIC120	120 MB	DC6150	R/W	R/W	R/W	R/W	--	--		--
QIC24	60 MB	DC6150	R	R	--	--	--	--		--

Single external tape attach media

This table helps to distinguish the technical characteristics of the external tape drives supported by OS/400.

Machine model	7207-122	7208-342	7208-345	3570-C00	3580-H11 3580-H13	3580-H23 3580-L23	7210-025
Description	QIC ¼ inch	8mm Mammoth	8mm Mammoth-2	C-XL format 0.31 inch	LTO Ultrium	LTO Ultrium2	DVD-RAM
Technology	Longitudinal Serpentine	Helical Scan	Helical Scan	Longitudinal Serpentine	LTO	LTO	DVD-R/W
Native/ compressed	4 GB 8 GB	20 GB 40 GB	60 GB 150 GB	7 GB 21 GB	100 GB 200 GB	200GB 400GB	2.6 GB 4.7 GB
Maximum data rate/ sec	380 KB/s 760 KB/s	3 MB/s 6 MB/s	12 MB/s 20 MB/s	7 MB/s 15 MB/s	15 MB/s 30 MB/s	35 MB/s 70 MB/s	CD: 3.6 MB/s DVD: 1.35 MB/s 2.7 MB/s
Interface	Wide SCSI	SCSI Fast/Wide Differential	LVD/SE Ultra Wide SCSI-2	SCSI Fast/Wide Differential	HVD Ultra Wide SCSI	H23: Ultra SCSI HVD L23: SCSI Ultra160 LVD	SCSI-2
Compression/ compaction method	LZ1	IDRC	ALDC	LZ1	LZ1	LZ1	n/a
Controllers supported	2718, 2768, 5702, 5705	6534, 2729, 2749	2718, 2768, 5702, 5705	2729, 2749, 6501, 6534	2729, 2749, 6501, 6534	H23: 2729, 2749, 6534 L23: 5702	2718, 2768, 5702, 5705
Minimum release	V4R2 with PTFs	V4R1	V4R5	V3R1	V4R4 and V4R5	H23: V5R1 L23: V5R2	V5R1
Alternate IPL device specify	5506	5514	5514	5515	5537	5537	5538

Magnetic media controllers

The iSeries servers have common magnetic media controllers for disk, tape units, optical libraries, and diskettes. This table shows what magnetic media controllers can be attached to current models of the iSeries product line.

Feature number and description	250	270	800	810	820	825	830	840	870	890	Migration towers
2729 Magnetic Media Controller PCI	Y										Y
2748 PCI RAID Disk Unit Controller	Y										Y
2749 PCI Ultra Magnetic Media Controller		Y	Y	Y	Y	Y	Y	Y	Y	Y	
2763 PCI RAID Disk Unit Controller	Y	Y		Y	Y	Y			Y	Y	
2765 PCI Fibre Channel Tape Controller		Y	Y	Y	Y	Y	Y	Y	Y	Y	N
2766 PCI Fibre Channel Disk Controller		Y	Y	Y	Y	Y	Y	Y	Y	Y	N
2768 PCI Magnetic Media Controller		Y		Y	Y	Y	Y	Y	Y	Y	
4748 PCI RAID Disk Unit Controller		Y		Y	Y	Y	Y	Y	Y	Y	
4778 PCI RAID Disk Unit Controller		Y	Y	Y	Y	Y	Y	Y	Y	Y	
5702 PCI-X Ultra Tape Controller		Y	Y	Y	Y	Y	Y	Y	Y	Y	
5705 PCI-X Tape/DASD Controller			Y	Y							
9748 Base PCI Disk Unit Controller							Y	Y			
9767 Base PCI Disk Unit Controller		Y			Y						

PCI disk units

This table summarizes PCI internal disk support for systems and expansion units.

Feature number	Description	Bytes	250	270	820 830 840	800 810 825 870 890	5074 5075 5079	5094 5095 5294	503x	5065 5066	9094	9093	RAID/ mirror	Minimum OS level
1312	1.03 GB Disk Kit	1							S				B/5	V4R5
1313	1.96 GB Disk Kit	1							S	S			A/4	V4R5
1322	1.03 GB Disk Kit	2							S				B/5	V4R5
1323	1.96 GB Disk Kit	2							S				A/4	V4R5
1325	1.03 GB Disk Kit	2							S				B/5	V4R5
1326	1.96 GB Disk Kit	2							S				A/4	V4R5
1327	4.19 GB Disk Kit	2							S				C/6	V4R5
1333	8.58 GB Disk Kit	2							S				D/7	V4R5
1334	17.54 GB Disk Kit	2							S				E/8	V4R5
1336	1.96 GB Disk Kit	2							S				A/4	V4R5
1337	4.19 GB Disk Kit	2							S				C/6	V4R5
4308	4.19 GB Disk Unit	2					S	S		S			F/6	V4R5
4314	8.58 GB Disk Unit	2		S	S	S	S	S		S			G/7	V4R5
4317	8.58 GB 10K RPM Disk Unit	2		S	S	S	S	S		S			G/7	V4R5
4318	17.54 GB 10K RPM Disk Unit	2		N	N	N	N	N		M	B	B	H/8	V4R5
4319	35.16 GB 10K RPM Disk Unit	2		N	N	N	N	N			B	B	J/9	V5R1
4324	17.54 GB Disk Unit	2		S	S	S	S	S		S			H/8	V4R5
4326	35.16 GB 15K RPM Disk	2				N					N		J/9	V5R2

Feature number	Description	Bytes	250	270	820 830 840	800 810 825 870 890	5074 5075 5079	5094 5095 5294	503x	5065 5066	9094	8093	RAID/ mirror	Minimum OS level
4327	70.56 GB 15 RPM Disk	2				N					N		K/10	V5R2
4331	1.6 Gb Read Cache	2		S	S		S			S				V4R5
6717	8.58 GB 10K RPM Disk	2		R	R		R			R			G/7	V4R5
6718	17.54 GB 10K RPM Disk	2		R	R		R			R			H/8	V4R5
6806	1.96 GB Disk Unit	2							S				A/4	V4R5
6807	4.19 GB Disk Unit	2							S				C/6	V4R5
6813	8.58 GB Disk Unit	2	S						S				D/7	V4R5
6817	8.58 GB 10K RPM Disk Unit	2	S	R	R		R		M				D/7	V4R5
6818	17.54 GB 10K RPM Disk Unit	2	N	R	R		R		M				E/8	V4R5
6824	17.54 GB Disk Unit	2	S						S				E/8	V4R5
6831	1.6 Gb Read Cache Device	2	S						S					V4R5
8617	8.58 GB 10K RPM Disk	2		R	R								G/7	V4R5
8618	17.54 GB 10 RPM Disk	2		R	R								H/8	V4R5
8813	Opt. Base 8.58 GB Disk Unit	2							S				D/7	V4R5
8817	Opt. Base 8.58 GB 10K RPM Disk Unit	2		R	R		R		S	R			D/7	V4R5

Feature number	Description	Bytes	250	270	820 830 840	800 810 825 870 890	5074 5075 5079	5094 5095 5294	503x	5065 5066	9094	8093	RAID/ mirror	Minimum OS level
8818	Opt. Base 17.54 GB 10K RPM Disk Unit	2		R	R		R		S	R			E/8	V4R5
8824	Opt. Base 17.54 GB Disk Unit Unit	2							S				E/8	V4R5
8917	Opt. Base 8.58 GB 10K RPM Disk	2	N										D/7	V4R5
8918	Opt. Base 17.54 GB 10K RPM Disk Unit	2	N										E/8	V4R5
8924	Opt. Base 17.54 GB Disk Unit	2	S										E/8	V4R5
9313	Base 8.58 GB Disk Unit	2	S										D/7	V4R5

Linux support with iSeries LPAR

This chart indicates the current models of the iSeries product line that support logical partitioning (LPAR) and that can run Linux in an LPAR secondary partition.

Model/ processor	Primary	LPAR	Maximum partitions	Shared processor	Valid secondary partitions	Linux
270/2248	--	N	--	--	--	N
270/2431	V5R1	Y	4	Y	V5R1 V5R2	Y
	V5R2	Y	4	Y	V5R1 V5R2	Y
270/2432	V5R1	Y	4	Y	V5R1 V5R2	Y
	V5R2	Y	4	Y	V5R1 V5R2	Y
270/2434	V5R1	Y	8	Y	V4R5 V5R1 V5R2	Y
	V5R2	Y	8	Y	V5R1 V5R2	Y
270/2452	V5R1	Y	4	Y	V5R1 V5R2	Y
	V5R2	Y	4	Y	V5R1 V5R2	Y
270/2454	V5R1	Y	4	Y	V4R5 V5R1 V5R2	Y
	V5R2	Y	4	Y	V5R1 V5R2	Y
800/2463	V5R2	Y	4	Y	V5R2	Y
800/2464	V5R2	Y	4	Y	V5R2	Y
810/2466	V5R2	Y	4	Y	V5R2	Y
810/2467	V5R2	Y	4	Y	V5R2	Y
810/2469	V5R2	Y	8	Y	V5R2	Y
820/2395	V4R5	N	--	N	--	N
	V5R1	Y	4	Y	V5R1 V5R2	N
	V5R2	Y	4	Y	V5R1 V5R2	N
820/0150	V5R1	Y	4	Y	V5R1 V5R2	Y
	V5R2	Y	4	Y	V5R1 V5R2	Y
820/0151	V5R1	Y	8	Y	V4R5 V5R1 V5R2	Y
	V5R2	Y	8	Y	V5R1 V5R2	Y
820/0152	V5R1	Y	16	Y	V4R5 V5R1 V5R2	Y
	V5R2	Y	16	Y	V5R1 V5R2	Y
820/2435	V5R1	Y	4	Y	V5R1 V5R2	Y
	V5R2	Y	4	Y	V5R1 V5R2	Y
820/2436	V5R1	Y	4	Y	V5R1 V5R2	Y
	V5R2	Y	4	Y	V5R1 V5R2	Y
820/2437	V5R1	Y	8	Y	V4R5 V5R1 V5R2	Y
	V5R2	Y	8	Y	V5R1 V5R2	Y
820/2438	V5R1	Y	16	Y	V4R5 V5R1 V5R2	Y
	V5R2	Y	16	Y	V5R1 V5R2	Y

Model/ processor	Primary	LPAR	Maximum partitions	Shared processor	Valid secondary partitions	Linux
820/2456	V5R1	Y	4	Y	V5R1 V5R2	Y
	V5R2	Y	4	Y	V5R1 V5R2	Y
820/2457	V5R1	Y	8	Y	V4R5 V5R1 V5R2	Y
	V5R2	Y	8	Y	V5R1 V5R2	Y
820/2458	V5R1	Y	16	Y	V4R5 V5R1 V5R2	Y
	V5R2	Y	16	Y	V5R1 V5R2	Y
825/2473	V5R2	Y	32	Y	V5R2	Y
830/0153	V5R1	Y	32	Y	V5R1 V5R2	Y
	V5R2	Y	32	Y	V5R1 V5R2	Y
830/2400	V4R5	Y	2	N	V4R5 V5R1	N
	V5R1	Y	8	Y	V4R5 V5R1 V5R2	Y
	V5R2	Y	8	Y	V5R1 V5R2	Y
830/2349	V5R1	Y	32	Y	V5R1 V5R2	Y
	V5R2	Y	32	Y	V5R1 V5R2	Y
830/2351	V5R1	Y	4-32	Y	V4R5 V5R1 V5R2	Y
840/0158	V5R1	Y	32	Y	V5R1 V5R2	Y
	V5R2	Y	32	Y	V5R1 V5R2	Y
840/0159	V5R1	Y	32	Y	V5R1 V5R2	Y
	V5R2	Y	32	Y	V5R1 V5R2	Y
840/2352	V5R1	Y	32	Y	V4R5 V5R1 V5R2	Y
	V5R2	Y	32	Y	V5R1 V5R2	Y
840/2353	V5R1	Y	32	Y	V4R5 V5R1 V5R2	Y
	V5R2	Y	32	Y	V5R1 V5R2	Y
840/2354	V5R1	Y	32	Y	V4R5 V5R1 V5R2	Y
	V5R2	Y	32	Y	V5R1 V5R2	Y
840/2460	V5R1	Y	32	Y	V4R5 V5R1 V5R2	Y
	V5R2	Y	32	Y	V5R1 V5R2	Y
870/2486	V5R2	Y	32	Y	V5R2	Y
890/0197	V5R2	Y	32	Y	V5R2	Y
890/0198	V5R2	Y	32	Y	V5R2	Y
890/2487	V5R2	Y	32	Y	V5R2	Y
890/2488	V5R2	Y	32	Y	V5R2	Y
890/2497	V5R2	Y	32	Y	V5R2	Y
890/2498	V5R2	Y	32	Y	V5R2	Y

AS/400, AS/400e, and iSeries RISC models

This section identifies hardware and performance characteristics, including maximum capacities for main storage, disk storage, LAN, and communications for those RISC servers, AS/400, AS/400e, and iSeries system processors that are not currently marketed by IBM. They recognize the maximum amount allowed when supported by the applicable OS/400 release level.

Note: Only the maximum allowed main storage value is shown in these tables.

Model 150	Twinax entry	Twinax growth	Server entry	Server growth
Package ID	**0591**	**0592**	**0593**	**0594**
Client/Server CPW Interactive CPW	20.2 13.8	20.2 20.2	20.2 13.8	20.2 20.2
Number of processors	1	1	1	1
Main storage (M)	192	192	192	192
Software group	P05	P05	P05	P05
Disk Unit Capacity (GB) - Base Total disk	4.19 29.9	4.19 29.9	4.19 29.9	4.19 29.9

Model 170 – September 1998/February 1999							
Processor	**2289**	**2290**	**2291**	**2292**	**2385**	**2386**	**2388**
Processor CPW	50	73	115	220	460	460	1090
Interactive CPW	15	20	25	30	50	70	70
Number of processors	1	1	1	1	1	1	2
Main storage (MB)	832	832	832	1024	3584	3584	3584
Software group	P05	P05	P05	P10	P10	P20	P20

Model 170 DSD – August 1999			
Processor	**2407 2160**	**2408 2176**	**2409**
CPW	30	60	120
CPW Interactive	10	15	20
SMU	1300	2300	4300
Number of n-way multiprocessors	1	1	2
Main storage (MB)	1024	4096	4096
Software group	P05	P05	P10

Model 170 processor	2159	2160	2164	2176	2183
CPW - Constrained					
Client/server	73.0	114.0	125.0	125.0	125.0
Interactive	16.0	23.0	29.0	40.0	67.0
CPW - Unconstrained	73.0	114.0	210.0	319.0	319.0
Client/server	16.0	23.0	29.0	40.0	67.0
Number of processors	1	1	1	1	1
Main storage (MB)	832	832	1024	1024	1024
Disk storage	175.4	175.4	175.4	175.4	175.4
Software group	P05	P05	P10	P10	P10

Processor feature	Model 250	
	2295	2296
Processor CPW	50	75
Interactive CPW	15	20
Number of processors/type	1/Northstar	1/Northstar
L2 Cache (MB)	0	0
Main storage (MB)	1024	1024
Main storage or DIMMs	8	8
Software group	PPS/P05	PPS/P05

Model 250 capacities	System maximum
Disk storage (GB) (min/max)	8.58 - 175.40
System I/O card slots	15
Maximum communication lines	1- 30
Maximum LAN/ATM adapters	6
Maximum workstation controllers - Twinaxial	6
Maximum workstations - Twinaxial	240
Cryptographic processors	2
¼-inch cartridge tape (internal)	1
8mm ½-inch cartridge (external)	2
Tape Libraries	2
CD-ROM	1
Optical libraries - Direct attach	2

Processor feature	Model 270			
	2248	2250	2252	2253
Processor CPW	150	370	950	2000
5250 CPW				
1516 (Base)	-	0	0	0
1517	25	-	-	-
1518	-	30	-	-
1519	-	-	50	-
1520		-	-	70
Number/type/speed of processors	1/Pulsar/ 400 Mhz	1/Pulsar/ 400 Mhz	1/Pulsar/ 450 Mhz	2/Pulsar/ 450 Mhz
L2 Cache (MB)/processor	0	0	2	4
Main storage (MB)	4096	4096	8192	8192
Main storage DIMMs	8	8	16	16
Minimum OS/400	V4R5	V4R5	V4R5	V4R5
Software group	P05	P10/P10	P05	P20/P20

Processor feature	Model 270 Dedicated Server for Domino		
	2422 2160	2423 2176	2424
Processor CPW	50	100	200
5250 CPW	0	0	0
Simple Mail Users	2400	3860	7580
Mail and Calendaring Users	1600	2570	5050
Number/type/ speed of processors	1/Pulsar/ 400 Mhz	1/Pulsar/ 450 Mhz	2/Pulsar/ 450 Mhz
L2 Cache (MB)	0	2	4
Main storage (MB)	4096	8192	8192
Main storage DIMMs	8	16	16
Minimum OS/400	V4R5	V4R5	V4R5
Software group	P05	P05	P10

Model 270 capacities	Total maximum
Disk storage (GB)	
Integrated minimum (base)	8.58
Integrated maximum	843.9
External maximum	808.7
Total maximum	843.9
DASD arms maximum	24
Communication lines	50
LAN ports	8
Integrated Netfinity Servers	3
Twinaxial WSC	6
Twinaxial workstations	240
Internal/DVD-ROM/DVD-RAM/tape	2
External tape adapters	3
External CD-ROM/DVD-RAM	3
Tape libraries	3
Optical libraries	4
Diskettes (5 ¼-inch or 8-inch)	-
Cryptographic processor	3

The software group for a Model 270 is determined by a combination of the processor and interactive feature as shown in this table.

Model 270 processor	Interactive feature	Processor feature	Software group
2248	1517	22A2	P05
2250	1516	22A4	P10
	1518	22A5	P10
2252	1516	22A7	P10
	1519	22A8	P10
2253	1516	22AA	P20
	1520	22AB	P20
2422	N/A	2422	P05
2423	N/A	2423	P05
2424	N/A	2424	P10

Model 5x0 processor	500 2140	500 2141	500 2142	510 2143	510 2144	530 2150	530 2151	530 2152	530 2153	530 2162
CPW	21.4	30.7	43.9	81.6	111.5	148.0	188.2	319.0	598.0	650.0
No. of processors	1	1	1	1	1	1	1	2	4	4
Main storage (MB)	768	768	1024	1024	1024	4096	4096	4096	4096	4096
Disk storage (GB)	652.8	652.8	652.8	652.8	652.8	996.4	996.4	996.4	996.4	996.4
Software group	P20	P20	P20	P30	P30	P40	P40	P40	P40	P40

Model 5xx processor	50S 2120	50S 2121	50S 2122	53S 2154	53S 2155	53S 2156	53S 2157
CPW - Client/server CPW - Interactive	81.6 22.5	111.5 32.8	138.0 32.8	188.2 32.8	319.0 32.8	598.0 32.8	650.0 32.8
N-way multiprcsr	1	1	1	1	2	4	4
Main storage (MB)	1024	1024	1024	4096	4096	4096	4096
Disk storage (GB)	652.8	652.8	652.8	996.4	996.4	996.4	4096

Model 600 processor	2129	2134	2135	2136
CPW	22.7	32.5	45.4	73.1
Number of processors	1	1	1	1
Main storage (MB)	384	384	384	512
Software group	P05	P10	P10	P20
Disk Unit Capacity (GB) - Base Internal maximum Total maximum Disk controllers	4.19 175.4 175.4 1	4.19 175.4 175.4 1	4.19 175.4 175.4 1	4.19 175.4 175.4 1

Model 620 processor	2175	2179	2180	2181	2182
CPW	50.0	85.6	113.8	210.0	464.3
Number of processors	1	1	1	1	2
Main storage (MB)	1856	2048	2048	2408	4096
Software group	P20	P20	P30	P30	P40

Model 620 processor	Base system	9364 with 9329	9364 with 9311	507x 508x	System maximum
Disk Unit Capacity (GB) - Base	4.19	--	--	--	4.19
Internal maximum	128.81	128.8	128.8	274.8	704.3
External maximum	1	236.2	236.2	561.5	944.8
Total maximum	236.21				944.8
Disk controllers	1				20

Model 640 processor	2237	2238	2239
CPW	319.0	583.3	998.6
Number of processors	1	2	4
Main storage (MB)	12288	6384	16384
Software group	P40	P40	P40
Disk Unit Capacity (GB) - Base	4.19	4.19	4.19
Internal maximum	1340.0	1340.0	1340.0
External maximum	1305.6	1305.6	1305.6
Total maximum	1340.0	1340.0	1340.0
Disk controllers	1-37	1-37	1-37

Model 650 processor	2240	2243	2188	2189
CPW	1794.0	2340.0	3660.0	4550.0
Number of processors	8	12	8	12
Main storage (MB)	32768	32768	40960	40960
Software group	P40	P40	P50	P50
Disk Unit Capacity (GB) - Base	4.19	4.19	4.19	4.19
Internal maximum	2095.9	2095.9	2095.9	2095.9
External maximum	2061.3	2061.3	2061.3	2061.3
Total maximum	2095.9	2095.9	2095.9	2095.9
Disk controllers	1-37	1-37	1-37	1-37

Model 720 processor	2061	2062	2063	2064
Processor CPW	240	420	810	1600
Interactive CPW/ 1500 (Base)	35	35	35	35
1501	70	70	-	-
1502	120	120	120	120
1503	-	240	240	240
1504	-	-	560	560
1505	-	-	-	1050
Number of processors	1	1	2	4
Main storage (MB)	2048	4096	8192	8192
Software group	P10/P20	P10/P20	P20/P30	P20/P30

Model 720 capacities	Base system	9364 SUE 9329 PCI 9330 PCI	9364 SUE 9331 SPD	5065 Storage PCI Exp. Tower	Expansion Tower	System maximum
Disk storage base (GB)						
Internal maximum	4.194	263.2	263.2	386.5	561.5	1625.9
External maximum	263.2					1595.3
Total maximum						1625.9
External SPD bus		4	4		0	4
SPD card slots	0	0	6	0	13	58
PCI card slots	8	14	0	12	0	70
Communication lines	18	0-40	0-36	0-42	0-78	128
LAN/ATM adapter	1-3	0-6	0-6	0-6	0-13	24
WSC twinaxial	5	11	18	12	39	66
WSC ASCII	0	0	6	0	13	58
Twinaxial workstations	188	440	720	480	1560	2628
ASCII workstations	0	0	108	0	234	1044
¼-inch/8mm internal cartridge tape	1	3	3	3	4	17
CD-ROM	1	0-1	0	0-1	0-1	6
½-inch tape	1	2	8	3	8	8
Reel 9348	1	2	4	3	4	4
Reel 2440	0	0	4	0	4	4
Reel 9347	0	0	2	0	2	2
Cartridge 34xx, 35xx	1	2	8	3	8	8
Tape libraries	1	2	8	3	8	8
½-inch cartridge						
8mm	1	2	4	3	4	4
External 8mm cartridge	1	2	4	3	4	4
Optical libraries	1	2	12	3	14	14
Diskettes (5 ¼-in. or 8-in.)	0	0	2	0	2	2
LAN ports	3	6	12	6	24	24
Wirelss IOP	0	0	3	0	3	3
FSIOP	0	0	3	0	6	16
FSIOA (IPCS)	1	1	0	0	0	2
PCI LAN	3	6	0	6	0	9
Cryptographic processors	1	3	1	3	1	6
Fax adapters	0	0	6	0	13	32

The software group for a Model 720 is determined by a combination of the processor and interactive feature as shown in this table.

720 processor	Interactive feature	System feature code	Software group
2061	1500	206A	P10
	1501	206B	P20
	1502	206C	P20
2062	1500	206D	P10
	1501	206E	P20
	1502	206F	P20
	1503	207A	P20
2063	1500	207B	P20
	1502	207C	P30
	1503	207D	P30
	1504	207E	P30
2064	1500	207F	P20
	1502	208A	P30
	1503	208B	P30
	1504	208C	P30
	1505	208D	P30

Model 730 processor	2065	2066	2067	2068
Processor CPW	560	1050	2000	2890
Interactive CPW/				
1506 (Base)	70	70	70	70
1507	120	120	-	-
1508	240	240	240	240
1509	560	560	560	560
1510	-	1050	1050	1050
1511	-	-	2000	2000
Number of processors	1	2	4	8
Main storage	24576	24576	24576	24576
Software group	P20/P30	P20/P30	P30/P40	P30/P40

Model 730 capacities	System maximum
Disk Unit Capacity (GB) - Base	4.19
Internal maximum	2499.6
External maximum	2473.9
Total maximum	2499.6
Disk Unit IOPs	1-37
Communication lines	1-250
WSC	1-175
Twinaxial workstations	7000
ASCII workstations	3150
Internal ¼-inch/8mm cart. tape	0-18
Internal CD-ROM	1-18
½-inch Tape	
Reel 9348	4
Reel 2440	4
Reel 9347	2
Cartridge 34XX, 35XX	8
Tape libraries	10
½-inch cartridge	4
8mm	4
External 8mm cartridge	4
Optical libraries	14
Diskettes (5 ¼-inch or 8-inch)	2
LAN/ATM ports	1-48
Wireless IOP	3
IPCS	16
Cryptographic processors	6
Fax IOPs	32

The software group for a Model 730 is determined by a combination of the processor and interactive feature as shown in this table.

730 processor	Interactive feature	System feature code	Software group
2065	1506	2A6A	P20
	1507	2A6B	P30
	1508	2A6C	P30
	1509	2A6D	P30
2066	1506	2A6E	P20
	1507	2A6F	P30
	1508	2B6A	P30
	1509	2B6B	P30
	1510	2B6C	P30

730 processor	Interactive feature	System feature code	Software group
2067	1506	2B6D	P30
	1508	2B6E	P40
	1509	2B6F	P40
	1510	2C6A	P40
	1511	2C6B	P40
2068	1506	2C6C	P30
	1508	2C6D	P40
	1509	2C6E	P40
	1510	2C6F	P40
	1511	2D6A	P40

Model 740 processor	2069	2070
Processor CPW	3660	4550
Interactive CPW/1514 (Base)	120	120
1510	1050	1050
1511	2000	2000
1512	3660	3660
1513	-	4550
Number of processors	8	12
Main storage	40960	40960
Software group	P40/P50	P40/P50

Model 740 capacities	System maximum
Disk storage (GB) - Base	4.19
Internal maximum	4294.9
External maximum	4260.6
Total maximum	4294.9
Disk unit IOPs	1-37
SPD I/O bus	1-19
I/O card slots	3-237
Communication lines	1-300
WSC	1-175
Twinaxial workstations	7000
ASCII workstations	3150
Internal ¼-inch/8mm cart. tape	0-18
Internal CD-ROM	1-18
½-inch tape	
Reel 9348	4
Reel 2440	4
Reel 9347	2
Cartridge 34XX, 35XX	8
Tape libraries	14
½-inch cartridge	4
8mm	4
External 8mm cartridge	4
Optical libraries	22
Diskettes (5 ¼-inch or 8-inch)	2
LAN/ATM ports	1-72
Wireless IOP	3
IPCS	16
Cryptographic processors	6
Fax IOPs (two lines/IOP)	32

The software group for a Model 740 is determined by a combination of the processor and interactive feature as shown in this table.

740 processor	Interactive feature	System feature code	Software group
2069	1514	2D6B	P40
	1510	2D6C	P50
	1511	2D6D	P50
	1512	2D6E	P50
2070	1514	2E6A	P40
	1510	2E6B	P50
	1511	2E6C	P50
	1512	2E6D	P50
	1513	2E6E	P50

Model SB1 processor	2310	2311	2312	2313
CPW	--	--	--	--
Number of processors	8	12	8	12
Main storage (M)	4096	4096	8192	8192
Disk Unit Capacity (G) - Base Internal max. External max Total maximum Disk controllers	16.77 34.35 -- 34.35 1	16.77 34.35 -- 34.35 1	16.77 34.35 -- 34.35 1	16.77 34.35 -- 34.35 1
Software group	P30	P40	P40	P40

Processor feature	Model 820		
	2396	2397	2398
Processor CPW	950	2000	3200
5250 CPW			
1521	35	35	35
1522	70	70	70
1523	120	120	120
1524	240	240	240
1525	560	560	560
1526	-	1050	1050
1527	-	-	2000
Number/type/speed of processors	1/Pulsar/ 450 Mhz	2/IStar/ 500 Mhz	4/IStar/ 500 Mhz
L2 Cache (MB)	2	4	4
Main storage (MB)	8192	16384	16384
Main storage DIMMs	16	32	32
Minimum OS/400	V4R5	V4R5	V4R5
Software group	P20-P30	P20-P30	P30-P40

Processor feature	Model 820 Dedicated Server for Domino		
	2425	2426	2427
Processor CPW	100	200	300
5250 CPW SMU MCU	0 4250 2620	0 8000 4950	0 14400 8910
Number/type/ speed of processors	1/Pulsar/ 450 Mhz	2/IStar/ 500 Mhz	4/IStar/ 500 Mhz
L2 Cache (MB)	2	4	4
Main storage (MB)	8192	16384	16384
Main storage DIMMs	16	32	32
Minimum OS/400	V4R5	V4R5	V4R5
Software group	P05	P10	P10

Model 820 capacities	New system maximum
Disk storage minimum (GB)	8.58
Maximum internal (GB)	8334.1
Maximum external (GB)	8298.9
Total maximum (GB)	8334.1
DASD arms maximum	237
Internal	237
LUNs external	236
Communication lines	160
Twinax WSC	62
Twinaxial devices	2480
Internal CD-ROM/DVD-RAM/tape	12
External CD-ROM/DVD-RAM	8
External tape	8
Tape libraries	8
Optical libraries	14
LAN ports	30
Integrated xSeries Server	12
Cryptographic processor	8

The software group for a Model 820 is determined by a combination of the processor and interactive feature as shown in this table.

Model 820 processor	Interactive feature	Processor feature	Software group
2396	1521	23A9	P20
	1522	23AA	P30
	1523	23AB	P30
	1524	23AC	P30
	1525	23AD	P30
2397	1521	23B1	P20
	1522	23B2	P30
	1523	23B3	P30
	1524	23B4	P30
	1525	23B5	P30
	1526	23B6	P30

Model 820 processor	Interactive feature	Processor feature	Software group
2398	1521	23B8	P30
	1522	23B9	P40
	1523	23BA	P40
	1524	23BB	P40
	1525	23BC	P40
	1526	23BD	P40
	1527	23BE	P40

Processor feature	Model 830	
	2402	2403
Processor CPW	4200	7350
5250 CPW		
1531 (Base)	70	70
1532	120	120
1533	240	240
1534	560	560
1535	1050	1050
1536	2000	2000
1537	-	4550
Number/type/speed of processors	4/IStar/540 Mhz	8/IStar/540 Mhz
L2 Cache (MB)	4	4
Main storage (GB)	64	64
Main storage DIMMs	64	64
Minimum OS/400	V4R5	V4R5
Software group	P30-P40	P40-P50

Model 830 capacities	New system maximum
Disk storage minimum (GB)	8.58
Maximum internal (GB)	22153.9
Maximum external (GB)	22118.8
Total maximum (GB)	22153.9
DASD arms maximum	630
Communication lines	300
Twinax WSC	152
Twinaxial devices	6080
Internal CD-ROM/DVD-RAM	18
Internal tape	17
External CD-ROM/DVD-RAM	10
External tape	10
Tape libraries	10
Optical libraries	22
LAN ports	72
Integrated xSeries Server	16
Cryptographic processors	3

The software group for a Model 830 is determined by a combination of the processor and interactive feature as shown in this table.

Model 830 processor	Interactive feature	Processor feature	Software group
2402	1531	23D1	P30
	1532	23D2	P40
	1533	23D3	P40
	1534	23D4	P40
	1535	23D5	P40
	1536	23D6	P40
2403	1531	23D8	P40
	1532	23D9	P50
	1533	23DA	P50
	1534	23DB	P50
	1535	23DC	P50
	1536	23DD	P50
	1537	23DE	P50

Processor feature	Model 840					
	2416	2417	2418	2419	2420	2461
Processor CPW 5250 CPW 1540 (Base) 1541 1542 1543 1544 1545 1546 1547 1548	10000 120 240 560 1050 2000 4550 10000 -	13200 120 240 560 1050 2000 4550 10000 -	10000 120 240 560 1050 2000 4550 10000 -	16500 120 240 560 1050 2000 4550 10000 16500	16500 120 240 560 1050 2000 4550 10000 16500	20200 120 240 560 1050 2000 4550 10000 16500 20200
Number/type/speed of processors (Mhz)	8 to 12/ IStar/500	12 to 18/ IStar/500	12/IStar/ 500	18 to 24/ IStar/ 500	24/IStar/ 500	24/ SStar/ 600
L2 Cache (MB)	8	8	8	8	8	16x4
Main storage (GB)	128	128	128	128	128	128
Main storage cards	16	16	16	16	16	16
Minimum OS/400	V4R5	V4R5	V4R5	V4R5	V4R5	V5R1
Software group	P40-P50	P40-P50	P40-P50	P40-P50	P40-P50	P40-P50

Model 840 capacities	New system maximum
Disk storage minimum (GB)	
Maximum internal (GB)	37978.2
Maximum external (GB)	37943.0
Total maximum (GB)	37978.2
DASD arms maximum	1080
Communication lines	1- 400
Twinax WSC	175
Twinaxial devices	7000
Internal CD-ROM/DVD-RAM	24
Internal tape	26
External CD-ROM/DVD-RAM	26
External tape	26
Tape libraries	26
Optical libraries	26
LAN ports	96
Integrated xSeries Server	16
Cryptographic processor	3

The software group for a Model 840 is determined by a combination of the processor and interactive feature as shown in this table.

Model 840 processor	Interactive feature	Processor feature	Software group
2416	1540	24C0	P40
	1541	24C1	P50
	1542	24C2	P50
	1543	24C3	P50
	1544	24C4	P50
	1545	24C5	P50
	1546	24C6	P50
2417	1540	24C8	P40
	1541	24C9	P50
	1542	24CA	P50
	1543	24CB	P50
	1544	24CC	P50
	1545	24CD	P50
	1546	24CE	P50
2418	1540	23E8	P40
	1541	23E9	P50
	1542	23EA	P50
	1543	23EB	P50
	1544	23EC	P50
	1545	23ED	P50
	1546	23EE	P50

Model 840 processor	Interactive feature	Processor feature	Software group
2419	1540	24D0	P40
	1541	24D1	P50
	1542	24D2	P50
	1543	24D3	P50
	1544	24D4	P50
	1545	24D5	P50
	1546	24D6	P50
	1547	24D7	P50
2420	1540	23F8	P40
	1541	23F9	P50
	1542	23FA	P50
	1543	23FB	P50
	1544	23FC	P50
	1545	23FD	P50
	1546	23FE	P50
	1547	23FF	P50
2461	1540	26D0	P40
	1541	26D1	P50
	1542	26D2	P50
	1543	26D3	P50
	1544	26D4	P50
	1545	26D5	P50
	1546	26D6	P50
	1547	26D7	P50
	1548	26D8	P50

Model SB2 and SB3 capacities	SB2 Base 9074	SB3 Base 9079	Migration Tower II 5077	SB2 total	SB3 total
Communication lines	32	32	6	32	32
Twinax WSC	1	1	1	1	1
Twinaxial devices	28	28	28	28	28
Int. CD-ROM/DVD-RAM	1	1	1	2	2
Internal tape	1	1	2	2	2
External tape	5	7	2	5	7
Tape libraries	4	4	2	4	4
Optical libraries	2	2	1	2	2
LAN ports	4	4	3	4	4
Integrated xSeries Server	2	2	1	2	2
Cryptographic processor	3	3	1	3	3

Model S10 capacities	2118	2119
CPW - Client/server CPW - Interactive	45.4 16.2	73.1 24.4
Number of processors	1	1
Main storage (MB)	384	512
Software group	P05	P05
Disk Unit Capacity (GB) - Base Internal maximum Disk controllers	4.19 175.4 1	4.19 175.4 1

Model S20 capacities	2161	2163	2165	2166
CPW - Client/server CPW - Interactive environment	113.8 31.0	210 35.8	464.3 49.7	759.0 56.9
Number of processors	1	1	2	4
Main storage (MB)	2048	2048	4096	4096
Software group	P05	P10	P10	P20

Model S20 capacities	Base system	5604 with 9329 PCI Card Expansn.	5064 with 9331 SPD Card Expansn.	507x, 508x Tower	System maximum
Disk Unit Capacity (GB) - Base Internal max External max Total max Disk controllers	4.19 128.8 263.2 -- 1	-- 128.8 263.2 -- 1	-- 128.8 263.2	-- 274.8 561.5	4.19 944.8 893.3 944.8 20

Custom mixed-mode server capacities	2170	2177	2178
CPW - Client/server CPW - Interactive	464.3 49.7	759.0 110.7	759.0 221.4
Number of processors	2	4	4
Main storage (MB)	4096	4096	4096
Software group	P20	P20	P20

Mixed-mode server capacities	Base system	5064/ 9329 PCI Card Expansion	5064/ 9311 SPD Card Expansion	5073, 5083 Tower	System maximum
Disk Unit Capacity (GB) - Base Internal maximum External maximum Total maximum Disk controllers	4.19 263.2 -- 1	-- 263.2 -- 1	-- 263.2	-- 561.5	4.19 944.8 893.3 944.8 20

Model S30 capacities	2257	2258	2259	2260
CPW - Client/server CPW - Interactive environment	319.0 51.5	583.3 64.0	998.6 64.0	1794.0 64.0
Number of processors	1	2	4	8
Main storage (MB)	12288	12288	16384	16384
Software group	P20	P20	P20	P30
Disk Unit Capacity (GB) - Base Internal maximum External maximum Total maximum Disk controllers	4.19 1340.0 1340.0 1-37	4.19 927.7 1340.0 1340.0 1-37	4.19 927.7 1340.0 1340.0 1-37	4.19 927.7 1340.0 1340.0 1-37

Custom mixed-mode model capacities	2320	2321	2322
CPW - Client/server CPW - Interactive	998.6 215.1	1794.0 386.4	1794.0 579.6
Number of printers	4	8	8
Main storage (MB)	12288	12288	12288
Software group	P20	P30	P30

Custom mixed-mode model capacities	2320	2321	2322
Disk Unit Capacity (GB) - Base	4.19	4.19	4.19
Internal maximum	1340.0	1340.0	1340.0
External maximum	1305.6	1305.6	1305.6
Total maximum	1340.0	1340.0	1340.0
Disk controllers	1-37	1-37	1-37

Model S40 capacities	2256	2261	2207	2208
CPW Client/server	1974.0	340.0	3660.0	4550.0
CPW Interactive	64.0	64.0	120.0	120.0
Number of processors	8	12	8	12
Main storage (MB)	32768	32768	40960	40960
Software group	P30	P40	P40	P40
Disk Unit Capacity (GB) -				
Base	4.19	4.19	4.19	4.19
Internal maximum	2095.9	2095.9	2095.9	2095.9
External maximum	2061.3	2061.3	2061.3	2061.3
Total maximum	2095.9	2095.9	2095.9	2095.9
Disk controllers	1-37	1-37	1-37	1-37

Custom mixed-mode model capacities	2340	2341
CPW Client/server	3660.0	4550.0
CPW Interactive	1050.0	2050.0
Number of printers	8	12
Main storage (MB)	12288	12288
Software group	P40	P40
Disk Unit Capacity (GB) - Base	4.19	4.19
Internal maximum	2095.9	2095.9
External maximum	2061.3	2061.3
Total maximum	2095.9	2095.9
Disk controllers	1-37	1-37

Model	SB2	SB3	
Processor feature	2315	2316	2318
Processor CPW	7350	10000	16500
Interactive CPW	N/A	N/A	N/A
Number/type/speed of processors	8/IStar/ 540 Mhz	12/IStar/ 500 Mhz	24/IStar/ 500 Mhz
L2 Cache (MB)	8	8	8
Main storage (GB)	12	16	24
Main storage DIMMs	48	8	12
Minimum OS/400	V4R5	V4R5	V4R5
Software group	P30	P40	P40
DASD storage			
DASD arms	4	6	8
Physical minimum (GB)	34.3	34.3	34.3
Physical maximum (GB)	70.1	105.2	140.3
Logical maximum (RAID-5)	52.6	87.7	122.7

AS/400 CISC models: CPW

The following tables identify the CPW ratings for CISC processors. The CPW value represents the relative system performance. Refer to the Redpaper *AS/400 CISC System Builder*, REDP0042, for the minimum and maximum capacities of disk, memory, and other features of these AS/400 CISC models.

9401 model	P03								10S
Package	T01 (0101)	T02 (0102)	T03 (0108)	T11 (0124)	T12 (0144)	L01 (0103)	L02 (0104)	L03 (0109)	S01 (0105)
CPW	7.3	9.6	16.8	9.6	7.3	7.3	9.6	16.8	5.5/17.1

9402 436 model processor	436 SSP and OS/400		
	2102	2104	2106
CPW	16.3	20.6	27.4
Package	**Entry 0114**	**Growth 0115**	**Large 0116**
CPW	27.4	27.4	27.4

9402 model		C04	C06	D02	D04	D06
CPW		3.1	3.6	3.8	4.4	5.5
9402 model	**E02**	**E04**	**E06**	**F02**	**F04**	**F06**
CPW	4.5	5.5	7.3	5.5	7.3	9.6

9402 model		200		
Processor		**2030**	**2031**	**2032**
9402 model package	**2FS Twinax**	**2FS LAN**	**2SS Starter**	**2SG Growth**
CPW - Client/server CPW - Interactive	17.1 5.5	17.1 5.5	17.1 5.5	17.1 5.5

940x model	9402 100	9404 135	9404 140	9402 20S	9406 30S	9406 30S
Processor 940x				**2010**	**2411**	**2412**
CPW - Client/server CPW - Interactive	17.1 5.5	32.3 9.6	65.6 11.6	17.1 5.5	32.3 9.6	68.5 11. 6

9404 model	B10	B20	C10	C20	C25
CPW	2.9	5.1	3.9	5.3	6.1
9404 model	**D10**	**D20**	**D25**	**E10**	**E20**
CPW	5.3	6.8	9.7	7.6	9.7
9404 model	**E25**	**F10**	**F20**	**F25**	
CPW	11.8	9.6	11.6	13.7	

9406 model	B30	B35	B40	B45	B50	B60	B70
CPW	3.8	4.6	5.2	6.5	9.3	15.1	20.0
9406 model		**D35**	**D45**	**D50**	**D60**	**D70**	**D80**
CPW		7.4	10.8	13.3	23.9	32.3	56.6

9406 model	E35	E45	E50	E60	E70	E80	E90	E95
CPW	9.7	13.8	18.1	28.1	39.2	69.4	96.7	116.6
9406 model	**F35**	**F45**	**F50**	**F60**	**F70**	**F80**	**F90**	**F95**
CPW	13.7	17.1	27.8	40.0	57.0	97.1	127.7	148.8

9406 model	F97
CPW	177

9406 model	300			310		320		
Processor	2040	2041	2042	2043	2044	2050	2051	2052
CPW	11.6	16.8	21.1	33.8	56.5	67.5	120.3	177.4

Supported iSeries upgrades

The following chart indicates the upgrade paths supported within the iSeries models as announced and supported through 24 January 2003.

Model	800	810	820	825	830	840	870	890
Model 270		Y						
Model 720		Y	Y	Y	Y			
Model 730		Y		Y	Y	Y	Y	
Model 740				Y	Y	Y	Y	Y
Model 800	Y							
Model 810		Y						
Model 820		Y	Y	Y	Y	Y	Y	
Model 825				Y			Y	
Model 830				Y	Y	Y	Y	Y
Model 840						Y	Y	Y
Model 870							Y	Y
Model 890								Y

For a more comprehensive listing of upgrade options, refer to the IBM Redpaper *IBM @server iSeries Supported Upgrades*, REDP0322.

Related publications

The publications listed in this section are considered particularly suitable for a more detailed discussion of the topics covered in this redbook.

IBM Redbooks

For information on ordering these publications, see “How to get IBM Redbooks” on page 106.

Refer to these publications for more complete information than what is contained in this Pocket Handbook:

- *IBM @server iSeries Handbook: V5R2*, GA19-5486
- *IBM @server iSeries and AS/400e Builder: V5R2*, SG24-2155
- *AS/400e to IBM @server iSeries Migration: A Guide to System Upgrades*, SG24-6055
- *IBM @server iSeries e-business Handbook: A V5R1 Technology and Product Reference,* SG24-6711
- *AS/400 CISC System Builder,* REDP0042
- *IBM @server iSeries Supported Upgrades*, REDP0322

Other resources

The publication *Operations Console Setup,* SC41-5508, is also relevant as a further information source.

Referenced Web sites

These Web sites are also relevant as further information sources:

- Offering Information (OITool):

  `http://w3-3.ibm.com/sales/ssi/`
- Planning Guide for Capacity Upgrade On Demand:

  `http://www-1.ibm.com/servers/eserver/iseries/hardware/ondemand/`
- LPAR installation support and technical guidance:

  `http://www.ibm.com/eserver/iseries/lpar/`
- Software subscription for iSeries:

  `http://www-1.ibm.com/servers/eserver/iseries/sftsol/subscript.htm`

- Software Inventory Tool:

  http://www-1.ibm.com/servers/eserver/iseries/sftsol/siu.htm
- iSeries Resource Library:

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