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HUAWEI E3372h TCPU-V200R002B317D01SP00C00

## Release Notes V12.0

Prepared by	E3372h Team	Date	2016/4/13
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**HUAWEI**

Huawei Technologies Co., Ltd.



## Revision Record

Date	Revision version	FW-WebUI/HiLink Version	Change Description	Author
2014-9-30	1.0	FW 22.180.03.00.00	First version	Tanzhengbin
2014-10-11	2.0	FW 22.180.05.00.00	Second version	Tanzhengbin
2014-11-11	3.0	FW 22.180.09.00.00	Third version	Tanzhengbin
2014-12-18	4.0	FW 22.200.01.00.00	Fourth version	Tanzhengbin
2014-12-28	5.0	FW 22.200.03.00.00	Fifth version	Tanzhengbin
2015-1-22	6.0	FW 22.200.05.00.00	Sixth version	Tanzhengbin
2015-4-8	7.0	FW 22.200.07.00.00	Seventh version	Huwuming
2015-4-18	8.0	FW 22.200.09.00.00	Eighth version	Huwuming
2015-6-19	9.0	FW 22.200.13.00.00	nineth version	Liuhuan
2015-8-29	10.0	FW 22.200.15.00.00	MR version	Liuhuan
2015-11-25	11.0	FW 22.315.01.00.00	MR version	Liuhuan
2016-4-13	12.0	FW 22.317.01.00.00	MR version	Liuhuan

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# HUAWEI E3372h TCPU-V200R002B317D01SP00C00 Release Notes V12.0

Abbreviations	Description

## 1 Main Features

The E3372h supports the following standards:

- LTE cat4 data service up to 150Mbit/s (Downlink) and 50Mbit/s(Uplink)
- DC-HSPA+ data service up to 43.2 Mbit/s
- HSPA+ data service up to 21.6 Mbit/s
- HSDPA packet data service of up to 14.4 Mbit/s
- HSUPA data service up to 5.76 Mbit/s
- WCDMA PS domain data service of up to 384 Kbit/s
- Equalizer and receive diversity
- microSD Card Slot (Up to 32G)
- Data and SMS Service
- Plug and play
- Standard USB interface
- CSFB

## 2 Hardware

### 2.1 Version Description

Hardware Version:	CL2E3372HM Ver.A
Platform & Chipset:	Balong Hi6921 V7R11M,

### 2.2 Hardware Specifications

Item	Specifications
Hardware Version	<ul style="list-style-type: none"><li>● CL2E3372HM</li></ul>
Technical standard	<ul style="list-style-type: none"><li>● LTE 3GPP R9</li><li>● HSPA+/UMTS: 3GPP R99/R5/R6/R7/R8</li><li>● GSM/GPRS/EDGE: 3GPP R99</li></ul>
External interfaces	USB: Type A with standard USB 2.0 High speed interface
	LED: indicating the status of the Data Card
	SD card: standard TF card interface
	SIM/USIM card: standard 6-pin SIM card interface



Item	Specifications
	RF interface: external RF interface
Maximum power consumption	$\leq 3.5$ W
Power supply	5V
Dimensions (D × W × H)	About 88mm(D) × 28mm(W) × 11.5mm (H)
Weight	$\leq 25$ g
Temperature	<ul style="list-style-type: none"><li>Operating: <math>-10^{\circ}\text{C}</math> to <math>+40^{\circ}\text{C}</math></li><li>Storage: <math>-20^{\circ}\text{C}</math> to <math>+70^{\circ}\text{C}</math></li></ul>
Humidity	5% to 95%
Base Information	<ul style="list-style-type: none"><li>Plug and play (PnP)</li></ul>
	<ul style="list-style-type: none"><li>Standard USB 2.0 High Speed interface, auto installation, convenient for use</li></ul>
<b>Note:</b> 3GPP = The 3rd Generation Partnership Project TS = Technical Specification LED = Light-Emitting Diode SIM = Subscriber Identity Module USIM = UMTS Subscriber Identity Module	

## 2.3 Improvements in the Previous Version

Index	Case ID	Issue Description
Hardware Version		CL2E3372HM Ver.A
Previous Hardware Version		NA
NA		

## 2.4 Known Limitations and Issues

Index	Case ID	Issue Description
NA		NA

# 3 Firmware

## 3.1 Version Description

Firmware Version:	22.317.01.00.00
Baseline information	Hi6921 V7R11M



### 3.2 Firmware Specifications

Item	Specifications

### 3.3 Improvement in the Previous Version

Index	Case ID	Issue Description
<b>Firmware Version</b>		22.317.01.00.00
<b>Previous Firmware Version</b>		22.315.01.00.00
1	DTS2015102903212	【V711共性】伊拉克Fastlink反馈E5573s-320无法注册网络，坏件邮寄回研发后分析发现V7R11平台存在Dynamic PDM无法写入NV 0xD3E2问题
2	DTS2015120306645	【V711共性问题】升级失败，返回测试MT时网口不通，测试MMI灯不亮 BSN:433，整机条码：135
3	DTS2016010406583	【V711共性问题】【P711 R001】同步产品发现共性问题，当m3boot分区block1出现坏块时（block0厂家保证无故障，711平台软件对此不进行处理），单板启动失败；经排查，其为711平台共性问题，海思已提供验证后补丁，同步问题单合入。
4	DTS2016012604539	【v711 共性问题】按照定制需求打开/WebApp/common/config/deviceinformation/config.xml 配置文件中对应的RSSI，SINR，CELL ID中，发现api/device/signal返回的psatt和mode值反了
5	DTS2016021606935	【新需求】【V711共性问题】【B119一键升级工具】产品使用了B119的一键升级工具，则需要删除Resources\lang下的语言资源文件，否则在无法自适应的小语种下会默认显示为阿语
6	DTS2016030902113	【V711共性问题】【新需求】E5577CS-603产品的永久锁卡、增强c版本号校验的定制版本可以在解锁datalock情况下升级回通用版本，永久锁卡的simlock被破解，需优化安全升级1.3的校验流程。
7	DTS2016030905815	【euap LINUX-V100R007B100D14SP00C03】【一线问题0020906】: It's different from the specification in the timing of "notice message of New software"
8	DTS2016032308094	【V711共性问题】【autorun的产品涉及】【安全】单板存在DLL劫持提权漏洞
9	DTS2016031808763	【V711共性问题】【安全问题】linux kernel漏洞CVE-2015-1805需要合入。
10	DTS2016032907317	【V711共性问题】【LINUX-V100R007B100D16SP00C03】可以通过组合键拉起进程，datalock防暴力破解机制的重启时间被缩短至5秒
11	DTS2016030704443	【V7R11共性问题】同步V7R22问题单-USB安全端口方案上库
12	DTS2016022403990	【V711共性问题】【敏感信息打印】强制门户功能内核打印日志中包含用户输入URL，需要整改。



Index	Case ID	Issue Description
13	DTS2016022403585	【V711 共性问题】【冗余代码】eUAP 平台中包含“129.129.129.129”地址宏定义，实际未使用，需要删除。
14	DTS2016013001675	【E5577s-321】问题单DTS2015062306055 修改导致软银HW506产品LED灯显示异常
15	DTS2016010401937	【V711共性问题】外部研究者使用伪基站，在安全激活前发送“UEInformationRequest”给UE，UE针对该消息进行了回复，存在安全风险，需要按照36.331协议进行修改
16	DTS2016040505596	【V711共性问题】【修改主线bug】安全函数整改错误，导致开启TR069宏编译失败

### 3.4 Known Limitations and Issues

Index	Case ID	Issue Description
1	Unrealized Features	NA
2		
3		

## 4 WebUI/HiLink

### 4.1 Version Description

WebUI/HiLink Version: 17.100.14.01.03

### 4.2 WebUI/HiLink Specifications

Item	Specifications

### 4.3 Improvement in the Previous Version

Index	Case ID	Issue Description
WebUI Version		17.100.14.01.03
Previous WebUI Version		17.100.13.01.03
1	New Features	
2		
3		



## 4.4 Known Limitations and Issues

Index	Case ID	Issue Description
1	Unrealized Features	
2		
3		

## 5 Software Vulnerabilities Fixes

Software/Module name	Version	CVE ID	Vulnerability Description	Solution
Linux kernel	Linux kernel 3.14.1	CVE-2014-2851	【 P711s 】 CVE-2014-2851 , CVE-2013-1763 , CVE-2014-4943 漏洞合入	DTS2015021307041
Linux Kernel	Linux kernel 3.7.10	CVE-2013-1763	【 P711s 】 CVE-2014-2851 , CVE-2013-1763 , CVE-2014-4943 漏洞合入	DTS2015021307041
Linux kernel	Linux kernel 3.15.6	CVE-2014-4943	【 P711s 】 CVE-2014-2851 , CVE-2013-1763 , CVE-2014-4943 漏洞合入	DTS2015021307041
Ipv4	NA	ANDROID-20770158	【 Android 补丁 】 ANDROID-20770158 : i pv4: Missing sk_nulls_node_init() in ping_unhash() .	在ping_unhash()中缺少sk_nulls_node_init() ( )。
linux kernel	Linux kernel 4.4.2	CVE-2015-1805	【安全问题】linux kernel 漏洞 CVE-2015-1805 需要合入	DTS2016031808763

## 6 Accessory Product from other Vendor

### Version Description

Accessory Product Version:

### 6.1 Known Limitations and Issues

## 7 Others

## 8 Reference