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E5770s-320	CONFIDENTIAL
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V1.0	

HUAWEI E5770s-320TCPU-V200R001B318D01SP00C00

Release Notes V1.0

Prepared by	E5770s-320 Team	Date	2016/05/11
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Huawei Technologies Co., Ltd.



Revision Record

Date	Revision version	FW-WebUI/HiLink Version	Change Description	Author
2016/05/11	1.0	FW 21.318.01.00.00	The first Version	E5770s-320 Team

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Abbreviations	Description

1 Main Features

The E5770s-320 supports the following features:

- *LTE FDD (DL) data service of up to 150 Mbit/s*
- *LTE FDD (UL) data service of up to 50 Mbit/s*
- *LTE TDD (DL) data service of up to 112 Mbit/s (Configuration 2)*
- *LTE TDD (UL) data service of up to 20 Mbit/s (Configuration 1)*
- *DC-HSPA+ (DL) data service of up to 43.2 Mbit/s*
- *HSPA+ (DL) data service of up to 21.6 Mbit/s*
- *HSDPA (DL) data service of up to 14.4 Mbit/s*
- *HSUPA (UL) data service of up to 5.76 Mbit/s*
- *UMTS data service of up to 384 kbit/s*
- *EDGE data service of up to 236.8 kbit/s*
- *GPRS data service of up to 85.6 kbit/s*
- *Ethernet data service of up to 100 Mbit/s*
- *PS domain data service based on LTE/UMTS/GSM*
- *SMS based on UMTS and GSM*
- *Built-in LTE/UMTS/GSM and WLAN high gain antenna*
- *Micro Secure Digital Memory (microSD) Card*
- *SIM lock*
- *Wi-Fi and WPS*
- *LTE/3G/Wi-Fi auto offload*
- *Supply power to devices (working as a power bank)*
- *Support for HUAWEI Mobile WiFi App*
- *Press and Play*
- *IPv6/IPv4 dual stack (optional)*
- *Display current SSID and Wi-Fi key on the screen*
- *Built-in DHCP Server, DNS RELAY and NAT*
- *Online software upgrade*
- *Traffic statistic*
- *Ethernet port*
- *PPPoE dial up*
- *Standard Micro USB interface*
- *USB interface*
- *OLED-LCD screen*
- *Windows XP SP3, Windows Vista SP1/SP2, Windows 7, Windows 8, Windows 8.1 (does not support Windows RT), MAC OS X 10.7, 10.8 and 10.9 with latest upgrades*



2 Hardware

2.1 Version Description

Hardware Version:	CL2E5770SM01 Ver.A
Platform & Chipset:	Balong Hi6921 V7R11M, RTL8192

2.2 Hardware Specifications

2.2.1 Hardware

2.2 lists the hardware specifications.

Hardware specifications

Item	Specifications	
Technical standard	WAN: LTE/DC-HSPA+/HSPA+/HSPA/UMTS/EDGE/GPRS/GSM	
	WLAN: IEEE 802.11b/g/n	
Operating frequency	LTE:	
	<ul style="list-style-type: none">FDD B1(2100 MHz)/B3(1800 MHz)/B5(850 MHz)/B7(2600 MHz)/B8(900 MHz)/B20(800 MHz)TDD B38(2600 MHz)	
	DC-HSPA+/HSPA+/HSPA/UMTS: B1(2100 MHz)/B2(1900 MHz)/B5(850 MHz)/B8(900 MHz)	
	EDGE/GPRS/GSM: 1900/1800/900/850 MHz	
	WLAN: 2.4 GHz	
Internal memory	128 MB NAND flash and 128 MB DDR SDRAM	
Maximum transmitter power	LTE: Conform to Power Class 3 Definition	
	UMTS: Conform to Power Class 3 Definition	
	WLAN	802.11b: 15 dBm
		802.11g: 12 dBm
		802.11n: 11 dBm
Receiver sensitivity	LTE: Confirm to 3GPP Requirements	
	UMTS: Confirm to 3GPP Requirements	
	WLAN	802.11b: -76 dBm@11 Mbit/s
		802.11g: -65 dBm@54 Mbit/s
		802.11n: -64 dBm@65 Mbit/s
WLAN speed	802.11b: Up to 11 Mbit/s	



Item	Specifications	
	802.11g: Up to 54 Mbit/s	
	802.11n	HT20: Support MCS0–MCS7; Up to 72.2 Mbit/s. Support MCS8–MCS15; Up to 144.4 Mbit/s. HT40: Support MCS0–MCS7; Up to 150 Mbit/s. Support MCS8–MCS15; Up to 300 Mbit/s.
Maximum power consumption	3.5 W	
Charger	AC: 100–240 V (Input)	
	DC: 5 V, 2 A (Output)	
Supplying Power to Devices	rated output: 5 V, 2 A	
Battery	Type: Li (rechargeable and irremovable)	
	Capacity: 3.7 V, 5200 mAh	
	Maximum working time: 20 hours (depending on the network)	
	Maximum standby time: 500 hours (depending on the network)	
External interfaces	Micro USB interface	
	USB interface (supplying power to other devices)	
	Standard microSD card interface	
	Standard 6-pin SIM card interface	
	Ethernet port: RJ45	
Screen	OLED	
key-press	Power switch, WPS switch, Reset switch	
Antenna	Built-in LTE/UMTS/GSM main antenna	
	Built-in LTE/UMTS diversity antenna	
	Built-in WLAN antenna	
Dimensions (W × D × H)	106.0 mm × 68.4 mm × 22.5 mm	
Weight	about 200 g (including the battery)	
Temperature	Operating: 0°C to +35°C	
	Storage: -20°C to +60°C	



Item	Specifications
Humidity	5% to 95% (non-condensing)

2.3 Improvements in the Previous Version

Index	Case ID	Issue Description
Hardware Version		CL2E5770SM01 Ver.A
Previous Version	Hardware	NA
NA		

2.4 Known Limitations and Issues

Index	Case ID	Issue Description
NA		NA

3 Firmware

3.1 Version Description

Firmware Version: 21.318.01.00.00
Baseline information Hi6921 V7R11M

3.2 Firmware Specifications

Item	Specifications

3.3 Improvement in the Previous Version

Index	Case ID	Issue Description
Firmware Version		21.318.01.00.00
Previous Firmware Version		
1		
2		
3		



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: 17.100.14.01.00

4.2 WebUI/HiLink Specifications

Item	Specifications
NA	

4.3 Improvement in the Previous Version

Index	Case ID	Issue Description
WebUI Version		17.100.14.01.00
Previous Version WebUI		N/A
1		
2		
3		

4.4 Known Limitations and Issues

Index	Case ID	Issue Description
1	NA	
2		
3		



5 Software Vulnerabilities Fixes

Software/Module name	Version	CVE ID	Vulnerability Description	Solution
NA				

6 Accessory Product from other Vendor

6.1 Version Description

Accessory Product Version:

6.2 Known Limitations and Issues

7 Others

8 Reference