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HUAWEI E5770s-320TCPU-V200R001B318D01SP00C1006

Release Notes V1.0

Prepared by	E5770s-320 Team	Date	2016/10/29
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Huawei Technologies Co., Ltd.



Revision Record

Date	Revision version	FW-WebUI/HiLink Version	Change Description	Author
2016/10/29	1.0	FW 21.318.01.00.1006	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:	CL2E5770SM
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		CL2E5770SM
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: 21.318.01.00.1006
Baseline information Hi6921 V7R11M

3.2 Firmware Specifications

Item	Specifications

3.3 Improvement in the Previous Version

Index	Case ID	Issue Description
Firmware Version		21.318.01.00.1006
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:

4.2 WebUI/HiLink Specifications

Item	Specifications
NA	

4.3 Improvement in the Previous Version

Index	Case ID	Issue Description
WebUI Version		
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