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E5786s	CONFIDENTIAL
Product version	Total 8 pages
V1.3	

HUAWEI E5786s-63aTCPU-V200R001B297D03SP01C74

Release Notes V1.3

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Approved by		Date	



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Revision Record

Date	Revision version	FW-WebUI/HiLink Version	Change Description	Author
2014-08-11	1.0	FW 21.297.01.00.74	The first Version	E5786s Team
2014-08-17	1.1	FW 21.297.01.01.74	The second Version	E5786s Team
2014-09-13	1.2	FW 21.297.03.00.74	The third Version	E5786s Team
2014-09-19	1.3	FW 21.297.03.01.74	The forth Version	E5786s Team

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Abbreviations	Description

1 Main Features

The E5786s-63a supports the following features:

- *LTE data service up to 300 Mbit/s(cat 6)/150 Mbit/s(cat 4)*
- *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*
- *WEB UI, Auto connect*
- *Plug and play*
- *Nonstandard USB3.0 ,and USB2.0*
- *Support menu operation on LCD*
- *Support WiFi 2.4GHz/5GHz*

2 Hardware

2.1 Version Description

Hardware Version:	CL4E5786SM
Platform & Chipset:	Balong Hi6930 V7R2M, Broadcomm 4354

2.2 Hardware Specifications

Item	Specifications	
Technical Standard	3GPP	R99/R5/R6/R7/R8/R9/R10
	IEEE	802.11b/g/n/ac
Operating Frequency	LTE	FDD B1, B3,B7,B8, B28,B40
	GSM	EDGE/GPRS/GSM:1900/1800/900/850 MHz
	UMTS	B1, B8
Maximum Transmitter Power	LTE	+23dBm (Class 3)
	UMTS	+24dBm (Class 3)
Maximum Power Consumption	5W	
Memory	128M NAND Flash, 128M DDR	



WLAN Rate	802.11b: 11Mbit/s, 5.5Mbit/s, 2Mbit/s, 1Mbit/s 802.11g: 54Mbit/s, 48Mbit/s, 36Mbit/s, 24Mbit/s, 18Mbit/s, 12Mbit/s, 9Mbit/s, 6Mbit/s 802.11n: MCS0-MCS7(WiFi 1x1), MCS0-MCS15(WiFi 2x2) 802.11ac: MCS0-MCS9(WiFi 2x2)
External Interfaces	USB: Nonstandard USB3.0 ,and USB2.0
	LED: 1.45 inch TFT LCD
	SIM/USIM card: 6pin, 1.8/3V
	SD card: up to 32GB
	Dual external TS-9 antenna interface
Display	TFT, 1.45inch
Keys	1 Power, 1 Menu, 1 Reset
Antenna	Internal
Static Receiver Sensitivity	Compliant with 3GPP TS 36.101(R8) for LTE, TS 25.101(R7) for UMTS.
Battery	3000mAh
Dimensions (D × W × H)	106*66*15.9 mm
Weight	<200g(include Battery)
Ambient Temperature	0-35°C
Humidity	5%-95%

2.3 Improvements in the Previous Version

Index	Case ID	Issue Description
Hardware Version		CL4E5786SM Ver.A
Previous Hardware Version		CL4E5786SM Ver.A
NA		

2.4 Known Limitations and Issues

Index	Case ID	Issue Description
NA		NA



3 Firmware

3.1 Version Description

Firmware Version: 21.297.03.01.74
Baseline information Hi6930 V7R2

3.2 Firmware Specifications

Item	Specifications

3.3 Improvement in the Previous Version(21.297.03.01.74)

Index	Case ID	Issue Description
Firmware Version		21.297.03.01.74
Previous Firmware Version		21.297.03.00.74
1	DFS	Recovery DFS function

3.4 Improvement in the Previous Version(21.297.03.00.74)



Index	Case ID	Issue Description
Firmware Version		21.297.03.00.74
Previous Firmware Version		21.297.01.01.74
1	Fresh mainline	Fresh to mainline 21.297.03.00.00

3.5 Improvement in the Previous Version(21.297.01.01.74)

Index	Case ID	Issue Description
Firmware Version		21.297.01.01.74
Previous Firmware Version		21.297.01.00.74
1	DFS	DFS function off and remove DFS channel under Australia's national code.

3.6 Improvement in the Previous Version(21.297.01.00.74)

Index	Case ID	Issue Description
Firmware Version		21.297.01.00.74
Previous Firmware Version		NA

Index	Case ID	Issue Description
1	OLED network status	When network mode is HSPA+ or DC-HSPA+, the display on OLED is H+, and the other status are consistent with the mainline.
2	OLED Power On / Off logo	
3	Search Network	As has always been the highest priority LTE access technology, network search order b40-> b3-> b7-> b28 ...
4	OLED menu	1. Modify the last line of the menu button is rectangular, and the same shape as the hardware buttons 1. Remove the mobile app dimensional code, modify 2D barcode as WiFi QR code, two-dimensional code displayed directly after entering
5	ESM	ESM-related support functions  esm.docx
6	Network Information	In the device information page to add the following information, 3G and 4G displayed separately In 3G mode: RSCP RSSI Cell ID In 4G mode: RSRP RSSI RSRQ SINR Cell ID and PCI LTE Bandwidth LTE Band info CA mode
7	OLED screen	Delete homepage information in Device info page on OLED screen
8	OLED screen	OLED delete SSID and WIFI KEY on the main screen

3.7 Known Limitations and Issues

Index	Case ID	Issue Description
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Index	Case ID	Issue Description
1	Unrealized Features	NA
2		
3		