Product name	Confidentiality level
E270	Secret
Product version	Total 7 pages
V100R001	

Huawei E270 Release Notes

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Revision record

Date	Revision version	Change Description	Author
2007-05-11	1.01	Created	Heyongquan33575
2008-01-02	1.02	Update Firmware and Dashboard Description	Dengyifeng 64184

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Huawei E270 Release Notes

1 Main Features

l   The E270 supports the following standards:

l   HSDPA/WCDMA 850/1900/2100 MHz and GSM/GPRS/EDGE 850/900/1800/1900 MHz

l   WCDMA 2100 MHz receive diversity

l   HSDPA packet data service of up to 7.2 Mbit/s

l   HSUPA packet data service of up to 2 Mbit/s

l   UMTS PS domain data service of up to 384 kbit/s

l   EDGE packet data service of up to 236.8 kbit/s

l   GPRS packet data service of up to 85.6 kbit/s

l   CS domain data service based on UMTS and GSM

l   SMS based on CS domain and PS domain of GSM and UMTS(default is CS domain only), supporting group sending of messages

l   Plug and play (PnP)

l   PCMCIA ExpressCard Standard 1.1 interface, auto installation, convenient for use

l   Windows 2000/Windows XP/Windows Vista/MAC operating system (OS)

2 Hardware

2.1 Version Description: CD91TCPU VER.B

2.2 Hardware specifications

Item	Specifications
Technical standard	l WCDMA R5 l HSDPA 7.2 Mbit/s l HSUPA R6 l GSM/GPRS/EGRPS MSC 12/DTM

Item	Specifications
Operating frequency	HSDPA/HSUPA/WCDMA 2100 MHz: ı Uplink: 1920–1980 MHz ı Downlink: 2110–2170 MHz HSDPA/HSUPA/WCDMA 1900 MHz: ı Uplink: 1850–1910 MHz ı Downlink: 1930–1990 MHz HSDPA/HSUPA/WCDMA 850 MHz: ı Uplink: 824–849 MHz ı Downlink: 869–894 MHz GSM/GPRS/EDGE 1800 MHz: ı Uplink: 1710–1785 MHz ı Downlink: 1805–1880 MHz GSM/GPRS/EDGE 900 MHz: ı Uplink: 880–915 MHz ı Downlink: 925–960 MHz GSM/GPRS/EDGE 850 MHz: ı Uplink: 824–849 MHz ı Downlink: 869–894 MHz
External interfaces	PCMCIA ExpressCard Standard 1.1 interface
	LED: indicating the status of the E270
	SIM/USIM card: standard 6-pin SIM card interface
Maximum transmitter power	HSDPA/HSUPA/WCDMA 2100/1900/850 MHz: +24 dBm (Power Class 3)
	GSM/GPRS 850/900 MHz: +33 dBm (Power Class 4)
	GSM/GPRS 1800 MHz/1900 MHz: +30 dBm (Power Class 1)
	EDGE 850/900MHz: +27 dBm (Power Class E2)
	EDGE 1800MHz/1900MHz: +26 dBm (Power Class E2)
Static receiver sensitivity	HSPA/HSUPA/WCDMA 2100/1900/850 MHz: compliant with 3GPP TS 25.101 (R6)
	GSM/GPRS/EDGE 850/900/1800/1900 MHz: compliant with 3GPP TS 05.05 (R99)
Maximum power consumption	≤ 3.3 W
Power supply	3.3 V/1A
Dimensions (D × W × H)	112 mm × 34 mm × 10 mm
Weight	< 45 g
Temperature	ı Operating: –10℃ to +55℃ ı Storage: –40℃ to +70℃
Humidity	5% to 95%

Item	Specifications
Note:	
3GPP = The 3rd Generation Partnership Project	
DTM = digital trunk module	
EGPRS = enhanced GPRS	
LED = light-emitting diode	
MSC = mobile switching center	
SIM = subscriber identity module	
TS = technical specification	
USIM = UMTS subscriber identity module	

2.2.1 Improvement in the previous version

1) it's a steady and normal commercial version of E270 firmware.

2.2.2 Known limitations and issues

None.

3 Firmware

3.1 Version Description: 11.306.07.03.00

3.2 Software specifications

Item	Specifications
Data service	GSM CS domain: l Uplink: 9.6/14.4 Kbit/s l Downlink: 9.6/14.4 Kbit/s GPRS: l Uplink: 85.6 Kbit/s l Downlink: 85.6 Kbit/s EDGE: l Uplink: 236.8 Kbit/s l Downlink: 236.8 Kbit/s UMTS CS domain: l Uplink: 64 Kbit/s l Downlink: 64 Kbit/s UMTS PS domain: l Uplink: 384 Kbit/s l Downlink: 384 Kbit/s HSDPA: l 7.2 Mbit/s HSUPA: l 2 Mbit/s

Item	Specifications
SMS	ı Based on CS domain of GSM or UMTS

3.3 Improvement in the previous version

11.306.07.03.00, based on Qualcomm release M7200BSKCBADZD3110, this version also solves some issues as below:

1） Solve some compatibility issues.

2） Solve some force download issues.

3.4 New features

1） The firmware is based on Qualcomm commercial release M7200BSKCBADZD3110.

3.5 Known limitations and issues

None

4 Compatibility

Firmware	USB driver	Hardware
11.306.07.03.00	2.62	CD91TCPU VER.B