

Product name	
E180	
Product version	Total 7pages
V100R001	

# Huawei E180 11.104.16.05.00

## Release Notes

Prepared by E180 Team

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Huawei Technologies Co., Ltd.

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## Revision History

Date	Revision Version	Change Description	Author
2008-09-01	1.00	Initial	E180 Team



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# Huawei E180 Release Notes

## 1 Main Features

The E180 supports the following standards:

- | HSUPA/HSDPA/WCDMA 2100/900 MHz and GSM/GPRS/EDGE 850/900/1800/1900 MHz
- | HSDPA equalizer and receive diversity
- | HSDPA packet data service of up to 7.2 Mbit/s
- | HSUPA data service of up to 2 Mbit/s (can be upgraded to 5.76 Mbit/s)
- | UMTS PS domain data service of up to 384 Kbit/s
- | EDGE packet data service of up to 236.8 Kbit/s
- | GPRS packet data service of up to 85.6 Kbit/s
- | Circuit Switched(CS) domain data service based on UMTS and GSM
- | SMS based on CS/ Packet Switched (PS) domain of GSM and WCDMA
- | Plug and play (PnP)
- | USSD service
- | Micro Secure Digital Memory Card up to 8GB
- | Rotatable USB interface(Type A)

## 2 Hardware

### 2.1 Version Description: CD66TCPU

### 2.2 Hardware specifications

Item	Specifications
Technical standard	<ul style="list-style-type: none"><li>  WCDMA/HSDPA R5</li><li>  HSUPA R6</li><li>  GSM/GPRS/EGRPS R99</li></ul>



Item	Specifications
Operating frequency	HSDPA/HSUPA/WCDMA 2100 MHz:   Uplink: 1920–1980 MHz   Downlink: 2110–2170 MHz HSDPA/HSUPA/WCDMA 900 MHz:   Uplink: 880–915 MHz   Downlink: 925–960 MHz GSM/GPRS/EDGE 850 MHz:   Uplink: 824–949 MHz   Downlink: 869–894 MHz GSM/GPRS/EDGE 900 MHz:   Uplink: 880–915 MHz   Downlink: 925–960 MHz GSM/GPRS/EDGE 1800 MHz:   Uplink: 1710–1785 MHz   Downlink: 1805–1880 MHz GSM/GPRS/EDGE 1900 MHz:   Uplink: 1850–1910 MHz   Downlink: 1930–1990 MHz
External interfaces	USB interface: USB 2.0 high-speed interface
	LED: indicating the status of the network
	SIM/USIM card: standard 6-pin SIM card interface
	SD card interface: Standard micro SD card interface
Maximum transmitter power	HSDPA/HSUPA/WCDMA 2100/900 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 2100/900 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	≤ 2.5 W
Power supply	5 V/500 mA (USB interfaces)
Dimensions (D × W × H)	80 mm × 26 mm × 10 mm
Weight	< 40 g



Item	Specifications
<b>Note:</b> <i>3GPP = The 3rd Generation Partnership Project</i> <i>EDGE = enhanced GPRS</i> <i>LED = light-emitting diode</i> <i>SIM = subscriber identity module</i> <i>TS = technical specification</i> <i>USIM = UMTS subscriber identity module</i>	

### 2.3 Improvements in the previous version

None.

### 2.4 Known limitations and issues

None.

## 3 Firmware

### 3.1 Version Description: 11.104.16.05.00

### 3.2 Software specifications

Item	Specifications
Data service	GSM CS domain:   Uplink: 9.6/14.4 kbit/s   Downlink: 9.6/14.4 kbit/s GPRS:   Uplink: 85.6 kbit/s   Downlink: 85.6 kbit/s EDGE:   Uplink: 236.8 kbit/s   Downlink: 236.8 kbit/s UMTS CS domain:   Uplink: 64 kbit/s   Downlink: 64 kbit/s UMTS PS domain:   Uplink: 384 kbit/s   Downlink: 384 kbit/s HSDPA:   7.2 Mbit/s HSUPA:   2 Mbit/s
SMS	Based on CS domain/PS domain of GSM and UMTS



### 3.3 New features

No.	Description
1	The current release is based on Qualcomm release M6290 120020.

### 3.4 Improvements in the previous version

Version	Description
11.104.16.05.00	<ol style="list-style-type: none"><li>1. Fixed the issue that wrong pop up indication during manual network selection.</li><li>2. Fixed the issue that the connection to dashboard dropped occasionally after manual network registration.</li></ol>

### 3.5 Known limitations and issues

None.