

HUAWEI U8500 Smart Phone Product Description

Issue: V100R001_03

Date: 2011-05-09

Author: Zhou qianxin

Approved by: Weiqiuyang



Huawei U8500 is a smart phone developed by HUAWEI. It is based on the Google Android Operating System. It supports both WCDMA/HSDPA 900/2100 MHz and GSM/GPRS/EDGE 900/1800/1900 MHz frequency bands.

- ◆ Huawei Specific Home screen: CANVAS
- ◆ User Friendly Soft keyboard
- ◆ Full Touch Screen
- ◆ Google Android OS
- ◆ Google Applications
- ◆ G-sensor
- ◆ Optical trackpad
- ◆ Proximity sensor
- ◆ Light sensor
- ◆ FM radio

Technical Specifications

Hardware

- **Shape:** Candy-bar
- **LCD:** 3.2 -inch TFT-LCD flat capacitive touch-sensitive screen with 320×480(HVGA)resolution, 262k colors
- **Dimensions:** 112mm(L)×58mm(W)×12.8mm(T)
- **Weight (including the battery):** ≤115g
- **Technical Standards:**
 - WCDMA/HSDPA: 3GPP FDD Release 99, Release 5 (International standard,3GPP R5,)
 - GSM/GPRS/EDGE: 3GPP Release 99
- **Frequency band:**
 - WCDMA 900 MHz: 880MHz~915MHz/925MHz~ 960MHz(Uplink/Downlink);
 - WCDMA 2100 MHz: 1920MHz~1980MHz/2110MHz~ 2170MHz(Uplink/Downlink);
 - GSM/GPRS 900MHz: 880MHz~915MHz/925MHz~960 MHz(Uplink /Downlink)
 - GSM/GPRS 1800MHz: 1710MHz~1785MHz/1805MHz~ 1880MHz Uplink/Downlink)
 - GSM/GPRS 1900MHz: 1850MHz~1910MHz/1930MHz~ 1990MHz(Uplink/Downlink)
- **Network Access:**
 - 3G-WCDMA radio bearer UL/DL: 384 Kbps /384 Kbps
 - HSDPA 7.2Mbps
- **SIM/USIM card interface:** standard 6-pin SIM card interface, supporting the 1.8/3V USIM card
- **External Interface:** Standard Micro USB, microSD Card slot, 3.5mm headset
- **External Memory support:** microSD Card (up to 16GB)
- **Processor:** Qualcomm® MSM7225, 528 MHz
- **Memory:** ROM:512 MB,RAM:256MB
- **Device Control:** Optical trackpad with Enter button
- **GPS:** GpsOne Gen7
- **Temperature:**
 - Operating temperature: 0℃ ~ +40℃
 - Warehouse temperature: -40℃ ~ +70℃
- **Battery:** 1150mAh
 - Standby time: up to 280 hours
 - Talking time: up to 200 mins
 - Charging Time: below 3 hours
- **Relative humidity:** working: 5% - 95%
- **Antenna:** Built-in antenna
- **Camera:** 3.2 MP FF Camera
- **FM Radio:** Built-in

- **Bluetooth:** V2.0+EDR
- **WiFi:** 802.11b/g/n
- **USB:** USB2.0 High Speed; 480Mbps
- **Maximum transmit power:**
 - WCDMA 900/2100MHz: +24dBm (Power Class 3)
 - GSM/GPRS 900MHz: +33dBm (Power Class 4)
 - GSM/GPRS 1800MHz/1900MHz: +30dBm (Power Class 1)
- **Static sensitivity:**
 - WCDMA 900 MHz: -103.7 dBm
 - WCDMA 2100 MHz: -106.7 dBm
 - GSM 900 MHz: better than -102 dBm/200 KHz
 - DCS 1800 MHz: better than -102 dBm/200 kHz
 - PCS 1900 MHz: better than -102 dBm/200 kHz
- **Power supply:** 100-240V,50/60Hz
- **Certification:** CE,FCC,GCF, BQB, WIFI, WHQL, RoHS, REACH

■ Software

- **Operating System:** Android™ 2.1/2.2
- **Input method:** Cootek TouchPal
- **Streaming media:**
 - Video format H.263/H.264,MPEG4
 - Audio format MP3、MIDI、AMR、AAC、eAAC+
- **Browser:** HTML; Based on Chrome Lite on Android
- **Audio code:**
 - WCDMA: supporting AMR audio encoding
 - GSM/GPRS: supporting FR/EFR/HR/AMR audio encoding
- **Messaging:**
 - SMS and MMS,Features based on Android
- **Email:** POP3/IMAP/SMTP, Based on Android
- **MultiMedia:**
 - Video format MPEG4, H.263 (3GPP), H.264
 - Audio format MP3、MIDI、AMR、AAC、eAAC+
 - Image format PNG,GIF (87a/89a),JPEG baseline
- **Ring tone:** 72 chords; MIDI, MP3, AMR(NB), WAV, AAC
- **DRM:** OMA 1.0 full support
- **USB function:**
 - Mass Storage
 - USB modem
 - Charging
- **SIM/STK and USIM/USAT:**
 - Specification of the SIM Application Toolkit for the Subscriber Identity Module -

Mobile Equipment (SIM - ME) interface

3GPP TS 11.14

3GPP TS 11.11

SIM and IC Card Requirements TS 21.111

Characteristics of the USIM application TS 31.102

3rd Gen. Partnership Proj Tech. Spec. Group Terminals; SIM App. Toolkit (USAT)
TS 31.111

- **Languages(Reference only, may be variant for different markets):**

Dutch

German

English

Polish

Czech

- **Camera Resolution:**

Photo: 2048×1536; 1600×1200 (UXGA); 1024×768;

Video: 352X288; 176×144;

Function Features

- **Home Screen:** Canvas

- **Tools:**

Calculator/Note pad/Alarm/Gallery

- **PC suit(Only available in Android2.1 version, not supported in Android2.2 version):**

Exchange Support by PC software adaption

Connection via USB

- **File Manager:** support file browse and management

- **Call server:**

Voice call

Supplementary Services

Voice mail

- **Google Mobile Suite:**

Google mail

Google Search

Google Talk

Google Maps

Google Calendar

YouTube

Android Market

- **Digital Compass:** support digital compass base on Android

- **SNS:**

Facebook, Twitter

- **Sound Records:**

Audio format: AMR

Other

Packing List

Number	Item	Quantity	Remark
1	Handset	1	Mandatory
2	Battery	1	Mandatory
3	Headset 3.5mm	1	Mandatory
4	Charger	1	Mandatory
5	USB cable	1	Mandatory
6	Quick Start Guide	1	Mandatory
7	Safety Information	1	Mandatory
8	Certificate Of Qualification	1	Optional
9	MicroSD card	1	Optional