



**HUAWEI Ascend G600 Smart Phone  
V100R001**

# **Product Description**

**Issue**            **03**  
**Date**            **2012-8-25**

**Copyright © Huawei Technologies Co., Ltd. 2012. All rights reserved.**

No part of this document may be reproduced or transmitted in any form or by any means without prior written consent of Huawei Technologies Co., Ltd.

## **Trademarks and Permissions**



and other Huawei trademarks are trademarks of Huawei Technologies Co., Ltd.

All other trademarks and trade names mentioned in this document are the property of their respective holders.

## **Notice**

The purchased products, services and features are stipulated by the contract made between Huawei and the customer. All or part of the products, services and features described in this document may not be within the purchase scope or the usage scope. Unless otherwise specified in the contract, all statements, information, and recommendations in this document are provided "AS IS" without warranties, guarantees or representations of any kind, either express or implied.

The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute a warranty of any kind, express or implied.

**Author:** Xia ZhiWu

**Approved by:** Ren hongmei

# Contents

**1 Product Overview ..... 1**

    1.1 Introduction ..... 1

    1.2 Appearance of HUAWEI Ascend G600 ..... 1

**2 Technical Specifications ..... 2**

    2.1 Hardware ..... 2

    2.2 Software ..... 5

    2.3 Function Features ..... 6

    2.4 Packing List ..... 6

# 1 Product Overview

---

## 1.1 Introduction

HUAWEI Ascend G600 is a smart phone developed by HUAWEI. It is based on Google Android™ 4.0 Operating System. They give you an excellent browsing with the Operating System from Google™, all in a thin touch phone.

- Android 4.0
- 4.5-inch touch screen supporting auto rotation
- 8 MP BSI auto focus camera
- Wi-Fi 802.11 b/g/n
- Bluetooth 3.0 A2DP
- GPS/AGPS
- 1.2 GHz Dual core
- G-sensor
- Proximity sensor for auto turn-off
- Ambient light sensor for auto light adjusting

## 1.2 Appearance of HUAWEI Ascend G600



# 2 Technical Specifications

## 2.1 Hardware

Table 2-1 Hardware Specifications

Item	Specifications
Shape	Bar-type
LCD	<ul style="list-style-type: none"><li>• Size: 4.5 inch</li><li>• Type: IPS LCD screen, Corning® Gorilla® touch-sensitive screen</li><li>• Color: 16M(24-bit) colors</li><li>• Resolution: 960 x 540</li></ul>
Dimensions	<ul style="list-style-type: none"><li>• 134mm(L) x 67.5mm(W) x 10.5mm(T) (without NFC function)</li><li>• 134mm(L) x 67.5mm(W) x 10.9mm(T) (with NFC function)</li></ul>
Weight	About 145g (including the battery)

Item	Specifications
Frequency band	<p>U8950-1</p> <ul style="list-style-type: none"> <li>• WCDMA 2100MHz: 1920–1980MHz (UL), 2110–2170MHz (DL)</li> <li>• WCDMA 900MHz: 880–915MHz (UL), 925–960MHz (DL)</li> <li>• GSM 850MHz: 824–849MHz (UL), 869–894MHz (DL)</li> <li>• GSM 900MHz: 880–915MHz (UL), 925–960MHz (DL)</li> <li>• GSM 1800MHz: 1710–1785MHz (UL), 1805–1880MHz (DL)</li> <li>• GSM 1900MHz: 1850–1910MHz (UL), 1930–1990MHz (DL)</li> </ul> <p>U8950-51</p> <ul style="list-style-type: none"> <li>• WCDMA 2100MHz: 1920–1980MHz (UL), 2110–2170MHz (DL)</li> <li>• WCDMA 1900MHz: 1850–1910MHz (UL), 1930–1990MHz (DL)</li> <li>• WCDMA 850MHz: 824–849MHz (UL), 869–894MHz (DL)</li> <li>• GSM 850MHz: 824–849MHz (UL), 869–894MHz (DL)</li> <li>• GSM 900MHz: 880–915MHz (UL), 925–960MHz (DL)</li> <li>• GSM 1800MHz: 1710–1785MHz (UL), 1805–1880MHz (DL)</li> <li>• GSM 1900MHz: 1850–1910MHz (UL), 1930–1990MHz (DL)</li> </ul> <p>U8950N-1</p> <ul style="list-style-type: none"> <li>• WCDMA 2100MHz: 1920–1980MHz (UL), 2110–2170MHz (DL)</li> <li>• WCDMA 900MHz: 880–915MHz (UL), 925–960MHz (DL)</li> <li>• GSM 850MHz: 824–849MHz (UL), 869–894MHz (DL)</li> <li>• GSM 900MHz: 880–915MHz (UL), 925–960MHz (DL)</li> <li>• GSM 1800MHz: 1710–1785MHz (UL), 1805–1880MHz (DL)</li> <li>• GSM 1900MHz: 1850–1910MHz (UL), 1930–1990MHz (DL)</li> </ul> <p>U8950N-51</p> <ul style="list-style-type: none"> <li>• WCDMA 2100MHz: 1920–1980MHz (UL), 2110–2170MHz (DL)</li> <li>• WCDMA 1900MHz: 1850–1910MHz (UL), 1930–1990MHz (DL)</li> <li>• WCDMA 850MHz: 824–849MHz (UL), 869–894MHz (DL)</li> <li>• GSM 850MHz: 824–849MHz (UL), 869–894MHz (DL)</li> <li>• GSM 900MHz: 880–915MHz (UL), 925–960MHz (DL)</li> <li>• GSM 1800MHz: 1710–1785MHz (UL), 1805–1880MHz (DL)</li> <li>• GSM 1900MHz: 1850–1910MHz (UL), 1930–1990MHz (DL)</li> </ul>
Maximum transmit power	<ul style="list-style-type: none"> <li>• WCDMA: +24dBm (Power Class 3)</li> <li>• GSM/GPRS 850/900MHz: +33dBm (Power Class 4)</li> <li>• GSM/GPRS 1800MHz/1900MHz: +30dBm (Power Class 1)</li> </ul>
Static sensitivity	<ul style="list-style-type: none"> <li>• WCDMA 850MHz: better than –104.7dBm/3.84MHz</li> <li>• WCDMA 900MHz: better than –103.7dBm/3.84MHz</li> <li>• WCDMA 1900MHz: better than –104.7dBm/3.84MHz</li> <li>• WCDMA 2100MHz: better than –106.7dBm/3.84MHz</li> <li>• GSM 850/900/1800/1900MHz: better than –102dBm/200kHz</li> </ul>

Item	Specifications
Network rate	<ul style="list-style-type: none"> <li>• WCDMA: 384Kbit/s (UL), 384Kbit/s (DL)</li> <li>• HSDPA: 7.2 Mbit/s</li> <li>• HSUPA: 5.76Mbit/s</li> <li>• GPRS/EDGE: 118.4Kbit/s (UL), 236.8Kbit/s (DL)</li> </ul>
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, 3.5 mm headset
External memory support	microSD Card (up to 32GB)
Processor	Qualcomm <sup>®</sup> MSM8225-0-AA, 1.2 GHz Dual core
Memory	<ul style="list-style-type: none"> <li>• ROM: 4GB</li> <li>• RAM: 768MB</li> <li>• ROM User Available: 1GB</li> </ul>
Device control	Illuminated capacitive soft keys with haptic feedback Physical Power and Volume key
GPS	GPS/AGPS
Temperature	Operating temperature: 0°C ~ +40°C Warehouse temperature: -20°C ~ +50°C
Battery	<ul style="list-style-type: none"> <li>• Capability: 1930 mAh</li> <li>• Standby time (Depends on the user operation and network condition): Up to 380 hours (2G); Up to 380 hours(3G)</li> <li>• Talking time (Depends on the user operation and network condition): Up to 400 mins (2G); Up to 400 mins (3G)</li> <li>• Charging Time: 3 hours from supplied charger</li> <li>• Audio playback: Up to 11 hours</li> </ul>
Relative humidity	Working: 5% ~ 95%
Camera	Main camera:8M BSI AF Secondary camera:0.3M FF
Bluetooth	Bluetooth 3.0 A2DP Bluetooth
Wi-Fi	802.11b/g/n
USB	USB2.0 High Speed
Power supply	100V–240V, 50/60Hz, 1A
Certification	FCC, CE, GCF, BQB, WI-FI, WHQL, RoHS, DLNA, NFC



Item	Specifications
Sensor	<ul style="list-style-type: none"><li>• Accelerometer</li><li>• Proximity sensor</li><li>• Ambient light sensor</li></ul>

## 2.2 Software

**Table 2-2** Software Specifications

Item	Specifications
Operating system	Android™ 4.0
Input method	HUAWEI IME
Browser	Android Native Browser
Voice codec	<ul style="list-style-type: none"><li>• WCDMA: AMR-NB</li><li>• GSM/GPRS: FR/EFR/HR/AMR-NB</li></ul>
Messaging	<ul style="list-style-type: none"><li>• SMS</li><li>• MMS</li></ul>
Email	POP3/IMAP/Exchange
Multi-media	<ul style="list-style-type: none"><li>• Audio Codec: MP3, MIDI, AMR-NB, AAC, AAC+, eAAC+</li><li>• Video Codec: H.263, H.264, MPEG-4</li><li>• File Format: *.mp3, *.wav, *.ogg, *.mid, *.amr, *.mp4, *.3gp</li><li>• Image Codec: PNG, GIF (Static only), JPEG, BMP</li><li>• Image File Format: *.png, *.gif (Static only), *.jpg, *.bmp</li></ul>
Streaming media	<ul style="list-style-type: none"><li>• Audio Codec: AMR-NB, AAC, AAC+, eAAC+</li><li>• Video Codec: H.263, H.264, MPEG-4</li><li>• File Format: *.mp4, *.3gp</li></ul>
USB function	<ul style="list-style-type: none"><li>• Mass Storage</li><li>• USB Tethering</li><li>• Charging</li></ul>
STK/USAT	Support STK/USAT
Camera & Video resolution	8.0MP: <ul style="list-style-type: none"><li>• Photo: Up to 3264 x 2448</li><li>• Video: Up to 854 x 480 (480P)</li></ul>
Photo and video	<ul style="list-style-type: none"><li>• Capture File Format: *.jpg</li><li>• Recording File Format: *.mp4</li></ul>

## 2.3 Function Features

**Table 2-3** Function Features

Item	Specifications
Home screen	HUAWEI Home Screen
Tools	Calculator/Notepad/Clock/Gallery/Calendar/FM Radio
Call services	Voice call Supplementary Services
Google mobile suite	Availability of Google applications, services, and features may vary according to your country or carrier. <ul style="list-style-type: none"><li>• Google Mail</li><li>• Google Search &amp; Search by voice</li><li>• Google Talk</li><li>• Google Maps</li><li>• Google Calendar</li><li>• Google News &amp; Weather</li><li>• YouTube</li><li>• Play Store</li></ul>
Digital compass	Support digital compass based on Android
Feature applications	All Backup, Wi-Fi Manager, Huawei IME, File Manager, Weather Clock, Huawei Music, Contacts Import, Power Saving Mode, Huawei Widget

## 2.4 Packing List

**Table 2-4** Packing List

Number	Item	Quantity	Remark
1	Handset	1	Standard
2	Battery	1	Standard
3	Charger	1	Standard
4	USB cable	1	Standard
5	Quick Start Guide	1	Standard
6	Headset	1	Standard
7	Certificate Of Qualification	1	Optional