



**HUAWEI Ascend Y530 Smart Phone
V100R001**

Product Description

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1 Product Overview

1.1 Introduction

HUAWEI Ascend Y530 is a smart phone developed by HUAWEI. It is based on Google Android™ 4.3 Operating System. It gives you an excellent browsing experience with the Operating System from Google™, all in a thin touch phone.

- Android 4.3
- 4.5-inch touch screen supporting auto rotation
- 5 MP auto focus camera with LED flash
- Wi-Fi 802.11b/802.11g/802.11n
- Bluetooth 4.0 A2DP Stereo
- GPS/AGPS/ Glonass
- 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 Y530



2 Technical Specifications

2.1 Hardware

Table 2-1 Hardware Specifications

Item	Specifications
Shape	Bar-type
LCD	<ul style="list-style-type: none">• Size: 4.5 inch• Type: TFT-LCD screen• Color: 16M(24-bit) colors• Resolution: 854×480
Dimensions	132.5mm(L) × 67mm(W) × 9.3mm(T)
Weight	About 145g (including the battery)

Item	Specifications
Frequency band	<p>Y530-U00</p> <ul style="list-style-type: none"> • WCDMA Band 1 (WCDMA 2100): 1920–1980 MHz (UL), 2110–2170 MHz (DL) • WCDMA Band 8 (WCDMA 900): 880–915 MHz (UL), 925–960 MHz (DL) • GSM (GSM 850): 824–849 MHz (UL), 869–894 MHz (DL) • EGSM (GSM 900): 880–915 MHz (UL), 925–960 MHz (DL) • DCS (GSM 1800): 1710–1785 MHz (UL), 1805–1880 MHz (DL) • PCS (GSM 1900): 1850–1910 MHz (UL), 1930–1990 MHz (DL) <p>Y530-U051</p> <ul style="list-style-type: none"> • WCDMA Band 1 (WCDMA 2100): 1920–1980 MHz (UL), 2110–2170 MHz (DL) • WCDMA Band 2 (WCDMA 1900): 1850–1910 MHz (UL), 1930–1990 MHz (DL) • WCDMA Band 5 (WCDMA 850): 824–849 MHz (UL), 869–894 MHz (DL) • GSM (GSM 850): 824–849 MHz (UL), 869–894 MHz (DL) • EGSM (GSM 900): 880–915 MHz (UL), 925–960 MHz (DL) • DCS (GSM 1800): 1710–1785 MHz (UL), 1805–1880 MHz (DL) • PCS (GSM 1900): 1850–1910 MHz (UL), 1930–1990 MHz (DL)
Maximum transmit power	<ul style="list-style-type: none"> • WCDMA: +24dBm +1/-3dBm (Power Class 3) • GSM/EGSM (GSM/GPRS 850/900): +33 dBm (Power Class 4) • DCS/PCS (GSM/GPRS 1800/1900): +30 dBm (Power Class 1)
Static sensitivity	<ul style="list-style-type: none"> • WCDMA Band 1 (WCDMA 2100): better than –106.7 dBm/3.84 MHz • WCDMA Band 2 (WCDMA 1900): better than –104.7 dBm/3.84 MHz • WCDMA Band 5 (WCDMA 850): better than –104.7 dBm/3.84 MHz • WCDMA Band 8 (WCDMA 900): better than –103.7 dBm/3.84 MHz • GSM /EGSM/DCS/PCS (GSM 850/900/1800/1900): better than –102 dBm/200 kHz
Network rate	<ul style="list-style-type: none"> • WCDMA: 384Kbit/s (UL), 384Kbit/s (DL) • HSDPA: 21 Mbit/s • HSUPA: 5.76Mbit/s • EDGE: 118.4 Kbit/s (UL), 236.8 Kbit/s (DL) • GPRS: 40Kbit/s (UL), 60Kbit/s(DL)
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)

Item	Specifications
Processor	Qualcomm [®] MSM8210™, 1.2 GHz Dual core
Memory	<ul style="list-style-type: none"> • ROM: 4GB • RAM: 512MB • ROM User Available: 1.8GB
Device control	Illuminated capacitive soft keys with haptic feedback Physical Power and Volume key
GPS	GPS/AGPS/GLONASS
Temperature	<ul style="list-style-type: none"> • Operating temperature: 0°C– +35°C • Warehouse temperature: -20°C– +70°C
Battery	<ul style="list-style-type: none"> • Capability: 1750 mAh • Standby time (Depends on the user operation and network condition): Up to 610 hours (WCDMA); Up to 590 hours(GSM) • Talking time (Depends on the user operation and network condition): Up to 10.5 hours (WCDMA); Up to 8 hours (GSM) • Charging Time: 3.5 hours from supplied charger • 3G browsing: 5 hours • Wi-Fi browsing: 6 hours • Video:7.5 hours • Music: 50 hours
Relative humidity	Working: 5% –95%
Camera	<ul style="list-style-type: none"> • Main camera:5M AF • Secondary camera:0.3M FF
Bluetooth	Bluetooth 4.0
Wi-Fi	802.11b/802.11g/802.11n
USB	USB2.0 High Speed
Power supply	100V–240V, 50/60Hz, 550mA
Certification	GCF(Y530-U00),CE(Y530-U00),FCC,BQB,Wi-Fi,WHQL,RoHS,REACH,WEEE
Sensor	<ul style="list-style-type: none"> • Accelerometer • Proximity sensor • Ambient light sensor

2.2 Software

Table 2-2 Software Specifications

Item	Specifications
Operating system	Android™ 4.3
Input method	Android keyboard, HUAWEI IME
Browser	Android Native Browser
Voice codec	<ul style="list-style-type: none"> • WCDMA: AMR-NB/AMR-WB • GSM/GPRS: FR/EFR/HR/AMR-NB/ AMR-WB
Messaging	<ul style="list-style-type: none"> • SMS • MMS
Email	POP3/IMAP/Exchange
Multi-media	<ul style="list-style-type: none"> • Audio Codec: MP3, MIDI, AMR-NB, AAC, AAC+, eAAC+ • Video Codec: H.263, H.264, MPEG-4 • File Format: *.mp3, *.wav, *.ogg, *.mid, *.amr, *.mp4, *.3gp • Image Codec: PNG, GIF (Static only), JPEG, BMP • Image File Format: *.png, *.gif (Static only), *.jpg, *.bmp
Streaming media	<ul style="list-style-type: none"> • Audio Codec: AMR-NB, AAC, AAC+, eAAC+ • Video Codec: H.263, H.264, MPEG-4 • File Format: *.mp4, *.3gp
USB function	<ul style="list-style-type: none"> • Mass Storage • USB Tethering • Charging
STK/USAT	Support STK/USAT
Camera & Video resolution	<p>5.0MP:</p> <ul style="list-style-type: none"> • Photo: Up to 2592×1944 • Video: Up to 1280×720 <p>0.3 MP:</p> <ul style="list-style-type: none"> • Photo: Up to 640×480 • Video: Up to 640×480
Photo and video	<ul style="list-style-type: none"> • Capture File Format: *.jpg • Recording File Format: *.mp4

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	<ul style="list-style-type: none">• Voice call• Supplementary Services• Voice mail
Google mobile suite	Availability of Google applications, services, and features may vary according to your country or carrier. <ul style="list-style-type: none">• Google Mail• Google Search & Search by voice• Hangouts• Google Maps• Google Calendar• YouTube• Play Store
Feature applications	Wi-Fi, Huawei IME, File Manager, Contacts Import

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	microSD card	1	Optional
8	Certificate of Qualification	1	Optional