

Honor 8 Specifications

Honor 8	
Operating system	Android™ 6.0 (Marshmallow)
UI	EMUI 4.1
CPU model	HiSilicon Kirin 950 with 16nm FinFET
CPU basic frequency	ARM Cortex-A72 4 x 2.3GHz + ARM Cortex-A53 4 x 1.8GHz
GPU	Mali-T880
SIM	DSDA (Dual SIM Dual Standby Dual Pass) Dual nano-SIM cards(4FF card), support blind plug-in
Dimensions	145.5 mm (L) x71.0 mm (W) x7.45 mm (T)
Weight	About 153 g (including the battery)
Colors	Sapphire Blue , Midnight Black ,Pearl White, Sunrise Gold
Memory	
Internal	4 GB RAM, 32/64 GB ROM
Card slot	microSD, up to 128 GB (uses slot 2)
Display	
Size	5.2 inches
Touch Screen	LTPS LCD capacitive touchscreen, 16M colors
Resolution	1920*1080 423 PPI
Contrast	1500 : 1
Screen colors	16,700,000 colors NTSC – 96%
Protection	2.5D Glass
Camera	
Main camera	Dual 12.0MP (RGB+ monochrome)
Front camera	8MP, with delayed shooting and panoramic selfie support
Sensor type	CMOS
Flash	LED light-compensating lamp (double color temperature)
Aperture	Main f/2.2, Front f/2.4
Video	Main camera & secondary camera support 1080P (1920*1080, 30 fps) FHD video recording
Image-stabilization	No
Zoom mode	Digital zoom
Features	Light painting (Tail light trails, Light graffiti, Silky water, Star track), Night Shot , Pro Photo, Beauty, Beauty video, Panorama, HDR, Watermark, Audio note, Ultra snapshot, Capture smiles, Audio control, Timer, Touch to capture, Document Scan, Virtual aperture photo
Battery	
Battery Type	Non-removable Li-Polymer 3000 mAh (Typ) 2900(Rat)

Estimated usage	Approximately(depend on the user operation and network condition): 9-hour online video streaming, 24 hours for online music
Charging time	About 100 mins for a full charge 9V/2A fast charging technology promises a 47% charge in just 30 minutes with the charger provided
Network	
4G bands	LTE FDD, TD-LTE
3G bands	WCDMA
2G bands	GSM
Technology	TD-LTE/LTE FDD/ WCDMA/GSM
Network frequency	<ul style="list-style-type: none"> ● Main nano-sim card: LTE FDD: B1/B3/B7/B8/B20 TD-LTE: B38/B40 WCDMA: B1/B2/B8 GSM: 850/900/1800/1900MHz ● Secondary nano-sim card: GSM: 850/900/1800/1900MHz
Data	LTE FDD Category 6: 51.0 Mbit/s (UL), 301.5 Mbit/s (DL) TD-LTE Category 6 : 10 Mbit/s(UL), 220Mbit/s(DL) WCDMA: 384 Kbit/s (UL), 384 Kbit/s (DL) HSPA Category 24: 5.76 Mbit/s (UL),42 Mbit/s (DL)
Connect and share	NFC, infrared remote control, OTG, WLAN hotspot, Bluetooth 4.2, CSFB
Other data	Card slot serves either main or additional card
Sensors	
Sensors	Accelerometer, Ambient Light Sensor, Proximity Sensor, Infrared Sensor, Fingerprint Sensor, Compass, Gyroscope
Fingerprint	Yes (with smart function)
Entertainment	
Video decoding	H.265(decoding only), H.263, H.264, MPEG-4, VP8
Video coding	H.264(video)+AAC(audio) Extention: *.mp4
Video file format	3GP/MP4/WMV/RM/RMVB/ASF
Audio decoding	MP3, AMR-NB, AAC+, eAAC+, PCM
Other formats	mp3, mid, amr, 3gp, mp4, m4a, aac, wav, ogg, flac, mkv
Video display	Flash (requires user download Adobe Flash Player)
Sound effect	DTS
Headphone ports	3.5MM standard interface
Radio	Not support FM radio
Comms	
Wi-Fi	Yes

Wi-Fi feature	IEEE 802.11 a/b/g/n/ac Hotspot up to 8 devices
Bluetooth	BT4.2
USB	USB 2.0 with USB Type C Interface
GPS	GPS/AGPS/Glonass
Cellular network location	Yes
Wi-Fi positioning	Yes
Other data	2.4G/5GWiFi Dual-band automatic switchover
Call and information functions	
Voice functions	CSFB only
3G video call	Support ps-domain video call by installing 3 rd party video call application
Ring tone format	MIDI, MP3, AMR-NB, WAV, OGG, AAC
MMS	Yes