Honor 8 Specifications

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| **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](http://www.gsmarena.com/glossary.php3?term=dynamic-memory) | 4 GB RAM, 32/64 GB ROM |
| [Card slot](http://www.gsmarena.com/glossary.php3?term=memory-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](http://www.gsmarena.com/glossary.php3?term=screen-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 | * 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 3rd party video call application |
| Ring tone format | MIDI, MP3, AMR-NB, WAV, OGG, AAC |
| MMS | Yes |