**Honor View 20**

| Item | Description |
| --- | --- |
| Appearance |
| Shape | Bar-type |
| Color | BLUE, BLACK, RED |
| Size | 156.9 mm (H) x 75.4 mm (W) x 8.1 mm (D)Note: The actual dimensions may vary depending on the configuration, manufacturing process, and measurement method. |
| Weight | Approx. 180 g (including the battery)Note: The actual weight may vary depending on the configuration, manufacturing process, and measurement method. |
| Battery Type | Li-ion Polymer Battery |
| Display |
| LCD | * Screen Size: 6.4 inches
* Screen Type: LTPS
* Screen Colors: 16 .7M
* Screen Resolution: 2310x1080
* Screen PPI:398
 |
| Touch-sensitive screen | Lithium polymer |
| Network |
| Network standard | TD-LTE/FDD LTE/WCDMA/GSM |
| Frequency band | 4G TD-LTE* TD-LTE B38: 2570–2620 MHz
* TD-LTE B40: 2300–2400 MHz
* TD-LTE B41: 2496–2690 MHz

4G FDD-LTE* FDD-LTE B1: 1920–1980 MHz(UL), 2110–2170 MHz(DL)
* FDD-LTE B2: 1850 – 1910MHz(UL), 1930 – 1990MHz(DL)
* FDD-LTE B3: 1710–1785 MHz(UL), 1805–1880 MHz(DL)
* FDD-LTE B4: 1710 – 1755MHz(UL), 2110 – 2155MHz(DL)
* FDD-LTE B5: 824 – 849MHz(UL), 869 – 894MHz(DL)
* FDD-LTE B6: 830 – 840MHz(UL), 875 – 885MHz(DL)
* FDD-LTE B7: 2500– 2570MHz(UL), 2620–2690MHz(DL)
* FDD-LTE B8: 880 – 915MHz(UL), 925 – 960MHz(DL)
* FDD-LTE B19: 830– 845MHz (UL), 875– 890MHz(DL)
* FDD-LTE B20: 832 – 862MHz(UL), 791 – 821MHz(DL)
* FDD-LTE B28: 703 – 748MHz(UL), 758 – 803MHz(DL)

3G WCDMA* WCDMA B1: 1920–1980 MHz(UL), 2110–2170 MHz(DL)
* WCDMA B2: 1850–1910 MHz(UL), 1930–1990 MHz(DL)
* WCDMA B4: 1710–1755 MHz(UL), 2110–2155 MHz(DL)
* WCDMA B5: 824–849 MHz(UL), 869–894 MHz(DL)
* WCDMA B6: 830– 840MHz(UL), 875 – 885MHz(DL)
* WCDMA B8: 880–915 MHz(UL), 925–960 MHz(DL)
* WCDMA B19: 830 – 845MHz(UL), 875 – 890MHz(DL)

2G GSM* GSM B2: 1850–1910 MHz(UL), 1930–1990 MHz(DL)
* GSM B3: 1710–1785 MHz(UL), 1805–1880 MHz(DL)
* GSM B5: 824–849 MHz(UL), 869–894 MHz(DL)
* GSM B8: 890–915 MHz(UL), 925–960 MHz(DL)
 |
| Maximum transmit power | 4G TD-LTE* TD-LTE B38: 21–25 dBm(Power Class 3)
* TD-LTE B39: 21–25 dBm(Power Class 3)
* TD-LTE B40: 21–25 dBm(Power Class 3)
* TD-LTE B41: 19.5–25 dBm(Power Class 3)

4G FDD-LTE* FDD-LTE B1: 21–25 dBm(Power Class 3)
* FDD-LTE B2: 21–25 dBm(Power Class 3)
* FDD-LTE B3: 21–25 dBm(Power Class 3)
* FDD-LTE B4: 21–25 dBm(Power Class 3)
* FDD-LTE B5: 21–25 dBm(Power Class 3)
* FDD-LTE B6: 21–25 dBm(Power Class 3)
* FDD-LTE B7: 21–25 dBm(Power Class 3)
* FDD-LTE B8: 21–25 dBm(Power Class 3)
* FDD-LTE B19: 21–25 dBm(Power Class 3)
* FDD-LTE B20: 21–25 dBm(Power Class 3)
* FDD-LTE B28: 21–25 dBm(Power Class 3)

3G WCDMA* WCDMA B1: +24 dBm(Power Class 3)
* WCDMA B2: +24 dBm(Power Class 3)
* WCDMA B4: +24 dBm(Power Class 3)
* WCDMA B5: +24 dBm(Power Class 3)
* WCDMA B6: +24 dBm(Power Class 3)
* WCDMA B8: +24 dBm(Power Class 3)
* WCDMA B19: +24 dBm(Power Class 3)

2G GSM* GSM B2: +30 dBm(Power Class 1)
* GSM B3: +30 dBm(Power Class 1)
* GSM B5: +33 dBm(Power Class 4)
* GSM B8: +33 dBm(Power Class 4)
 |
| Static sensitivity | 4G TD-LTE* TD-LTE B38: better than –100 dBm/5 MHz
* TD-LTE B39: better than –100 dBm/5 MHz
* TD-LTE B40: better than –100 dBm/5 MHz
* TD-LTE B41: better than –98 dBm/5 MHz

4G FDD-LTE* FDD-LTE B1: better than –100 dBm/5 MHz
* FDD-LTE B2: better than –101.7 dBm/1.4 MHz
* FDD-LTE B3: better than –101.7 dBm/1.4 MHz
* FDD-LTE B4: better than –104.7 dBm/1.4 MHz
* FDD-LTE B5: better than –103.2 dBm/1.4 MHz
* FDD-LTE B6: better than –103.2 dBm/1.4 MHz
* FDD-LTE B7: better than –98 dBm/5 MHz
* FDD-LTE B8: better than –102.2 dBm/1.4 MHz
* FDD-LTE B19: better than -100dBm/5MHz
* FDD-LTE B20: better than –97 dBm/5 MH
* FDD-LTE B28: better than –100.2 dBm/3 MHz

3G WCDMA* WCDMA B1: better than –106.7 dBm/3.84 MHz
* WCDMA B2: better than –104.7 dBm/3.84 MHz
* WCDMA B4: better than –106.7 dBm/3.84 MHz
* WCDMA B5: better than –104.7 dBm/3.84 MHz
* WCDMA B6: better than –104.7dBm/3.84MHz
* WCDMA B8: better than –103.7 dBm/3.84 MHz
* WCDMA B19: better than –104.7dBm/3.84MHz

2G GSM* GSM B2: better than –102 dBm/200 kHz
* GSM B3: better than –102 dBm/200 kHz
* GSM B5: better than –102 dBm/200 kHz
* GSM B8: better than –102 dBm/200 kHz
 |
| Network rate | 4G TD-LTE* UL: Cat 5, 15Mbit/s
* DL: Cat 13, 290Mbit/s

4G LTE FDD* UL: Cat 5, 75Mbit/s
* DL: Cat 13, 400Mbit/s

3G WCDMA* HSDPA Cat 24: 5.76 Mbit/s(UL), 42 Mbit/s(DL)
* HSUPA Cat 6: 5.76Mbit/s(UL)
* WCDMA: 384 Kbit/s(UL), 384 Kbit/s(DL)

2G GPRS/EGPRS* EDGE Class 12: 236.8Kbit/s(UL), 236.8Kbit/s(DL)
* GPRS: 40Kbit/s(UL), 60Kbit/s(DL)
 |
| CA | DL: 2CA: CA\_1C, CA\_3C, CA\_5B, CA\_7C, CA\_8B, CA\_38C, CA\_40C, CA\_41C, CA\_1A\_3A, CA\_1A\_7A, CA\_1A\_8A, CA\_1A\_20A, CA\_3A-3A, CA\_3A-7A, CA\_3A-20A, CA\_7A-7A, CA\_7A-20A, CA\_7A\_28A, CA\_3A\_28AUL CA: Not supported |
| MIMO | 2x2 MIMO |
| QAM | UL: 64QAMDL: 256QAM |
| Storage |
| Memory | * 6GB RAM +128GB ROM
* 8GB RAM +256GB ROM

Note: The available internal storage may be smaller as part of the internal storage is occupied by phone software. |
| External memory support | Not supported |
| System |
| Processor | AP model: HUAWEI Kirin 980AP Core Number: Octa-CoreAP Frequency: 2xEnyo 2.5G + 2xEnyo 2.0G + 4xAnanke 1.8G |
| Device control | Fingerprint scanner; Power key; Volume up button; Volume down button |
| External interface | * Headset type: 3.5mm
* Headset line sequence: LRGM
* Data interface: Type-C USB
 |
| SIM card interface | nano-SIM card |
| Transmission function |
| GPS | * AGPS
* Dual frequency GPS
* GPS
* Galileo
* QZSS
* GLONASS
* Beidou
 |
| Wi-Fi | 2.4G: 802.11 b/g/n，MIMO, TAS5G: 802.11 a/n/ac |
| USB | USB3.1 GEN 1 |
| Bluetooth | BT5.0 |
| NFC | Support |
| Sensors | * Fingerprint sensor
* Proximity sensor
* Ambient light sensor
* Digital compass
* Gravity sensor
* Gyroscope
 |
| Others |
| Camera | * Front camera: 24 mega-pixel , F/2.0 aperture
* Rear camera: XX mega-pixel, F/1.8 aperture
 |
| FM | Not supported |
| Battery | * Capability: 3900mAh(Minimum value)4000mAh(Typical value)
* Theoretical Charging Time: approx TBD Hours (Note: Laboratory data is generated by charging using the standard charger with the screen off. The actual charging time may vary depending on usage.)
* Theoretical 3G talk time: up to TBD Hours (Note: The data is derived from laboratory testing. The actual talk time may vary depending on the local network and usage habits.)
* Theoretical Standby Time: up to TBD days (Note: The data is derived from laboratory testing. The actual standby time may vary depending on the local network and usage habits.)
 |
| Power supply | * Input: 100-240V 0.75A
* Output: 5V/4.5A, 4.5V/5A, 5V/2A
 |
| Temperature | * Operating temperature: 0℃- 35℃
* Warehouse temperature: -20℃- +45℃
 |
| Relative humidity | 5%-95% |
| Certification | BQB, Wi-Fi, CE, REACH, RoHS |

| Item | Description |
| --- | --- |
| System |
| Operating system | Android9.0+EMUI9.0.1 |
| Home screen | EMUI 9.0. 1 |
| Browser | Android native browser |
| Input method | SwifitKey Keyboard |
| 4G Voice resolution | * VoLTE
* CSFB
* SRLTE
 |
| Voice codec | * WCDMA: AMR-NB
* GSM: FR/EFR/HR/AMR-NB
* CDMA: 8K EVRC/EVRC-B/13k QCELP
* TD-SCDMA: AMR-NB
* VoLTE: AMR-WB/AMR-NB/EVS-WB
 |
| Entertainment |
| Messaging | * SMS
* MMS
 |
| Email | Support(POP3/IMAP/Exchange) |
| Multi-media | * Audio File Format: \*.mp3, \*.mp4, \*.3gp, \*.ogg, \*.aac, \*.midi
* Video File Format: \*.3gp, \*.mp4
* Image File Format: \*.png, \*.gif(Static only), \*.jpg, \*.bmp
 |
| Streaming media | * File format: \*.mp4, \*.3gp
 |
| Sound effect | * Noise reduction: three-microphone noise reduction
* Sound effect: Histen
 |
| Google mobile suite | Availability of Google applications, services, and features may vary according to your country or carrier.* Google Mail
* Google Search & Search by voice
* Hangouts
* Google Maps
* Google Calendar
* Google News & Weather
* YouTube
* Play Store
 |
| Shooting function |
| Camera & Video resolution | Front camera: 24 mega-pixel , F/2.0 aperture* Photo: TBD
* Video: up to UHD 4K

Rear camera: XX mega-pixel , F/1.8 aperture* Photo: TBD
* Video: up to 1920 x1080
 |
| Shooting mode | Wide virtual aperture photo, Moving picture, professional camera, video, professional video, 3D panorama, Monochrome, HDR, Night shot, Panorama, Light painting, Time-lapse, Slow-mo, Filter, Watermark, Document scan, portrait mode, Wide aperture video, Timer, Audio control, capture smiles, Ultra snapshot. |
| Video Shooting | Rear camera: supports UHD 4K video recording. OIS/EIS is not supported.Front camera: supports 1080P video recording. OIS/EIS is not supported. |
| Focus mode | * Front camera: Fixed focal length (FF)
* Rear camera: Automatic focus (AF), phase detection auto focus (PDAF)
 |
| Other function | * Front camera: TBD
* Rear camera: TBD
 |
| Flash | * Front camera: Not supported
* Rear camera: single color temperature
 |
| Photo and video | * Capture file format: \*.jpg
* Recording file format: \*.mp4
 |
| Others |
| Transmission function | * Wi-Fi hotspot
* Wi-Fi Direct
 |
| Software update | * Huawei OTA online update
 |
| USB function | * USB OTG
* USB tethering
* USB charging
 |