



**HUAWEI P20**

**HUAWEI P20 Pro**

**PORSCHE DESIGN  
HUAWEI Mate RS**

<b>Size</b>	149.1 mm x 70.8 mm x 7.65 mm (H x W x D)	155.0 mm x 73.9 mm x 7.8 mm (H x W x D)	152.9 mm x 72.5 mm x 8.5 mm (H x W x D)
<b>Weight</b>	Approx. 165g (including the battery)	Approx. 180g (including the battery)	Approx. 183g (including the battery)
<b>Colors</b>	Twilight, Black, Midnight Blue, Pink Gold	Twilight, Black, Midnight Blue, Pink Gold	Black, Red (China only)
<b>Display</b>	5.8" HUAWEI FullView Display 16:9 FHD 3D glass 1080 x 2244 pixels, 428ppi 16.7M colors	6.1" HUAWEI FullView Display 18:9 OLED 3D glass 1080 x 2240 pixels, 408ppi 16.7M colors	6.0" HUAWEI FullView Display 18:9 OLED 2880 x 1440 pixels, 538ppi 16.7M colors
<b>CPU</b>	HUAWEI Kirin 970 Octa-core CPU (4 x Cortex A73 2.36GHz + 4 x Cortex A53 1.8GHz) + i7 co-processor	HUAWEI Kirin 970 Octa-core CPU (4 x Cortex A73 2.36GHz + 4 x Cortex A53 1.8GHz) + i7 co-processor	HUAWEI Kirin 970 Octa-core CPU (4* Cortex A73 2.36GHz + 4* Cortex A53 1.8GHz) + i7 co-processor
<b>GPU</b>	Mali-G72 MP12 767MHz	Mali-G72 MP12 767MHz	Mali-G72 MP12
<b>NPU</b>	Neural Network Processing Unit	Neural Network Processing Unit	Neural Network Processing Unit
<b>Operating System</b>	Android™ 8.1	Android™ 8.1	Android™ 8.1
<b>Emotion UI</b>	EMUI 8.1	EMUI 8.1	EMUI 8.1
<b>Memory</b>	4GB RAM + 128GB ROM	6GB RAM + 128GB ROM	6GB RAM +256GB ROM
<b>Dual SIM</b>	Single/Dual-SIM	Single/Dual-SIM	Dual-SIM
<b>NFC</b>	Card reading mode / Point to point mode / Card simulation mode (make payment by SIM card*, or HCE) are supported  *The SIM card used for SIM card payment can only be inserted into the SIM1 card slot	Card reading mode / Point to point mode / Card simulation mode (make payment by SIM card*, or HCE) are supported  *The SIM card used for SIM card payment can only be inserted into the SIM1 card slot	NFC supported
<b>Connectivity</b>	Wi-Fi 2.4G and 5G, 802.11a/b/g/n/ac BT4.2, BLE, aptX, aptX HD, LDAC and HWA are supported  USB Type-C, USB 3.1 GEN1 Infrared Remote Control	Wi-Fi 2.4G and 5G, 802.11a/b/g/n/ac BT4.2, BLE, aptX, aptX HD, LDAC and HWA are supported  USB Type-C, USB 3.1 GEN1 Infrared Remote Control	Wi-Fi 2.4G/5G, 802.11a/b/g/n/ac with Wi-Fi Direct support BT4.2, support BLE support aptX/aptX HD, LDAC HD and HWA Audio USB Type-C DisplayPort 1.2
<b>Camera</b>	Front: 24MP, f/2.0  Rear camera: 12MP RGB (f/1.8) + 20MP monochrome (f/1.6) HUAWEI AIS 4D predictive focus 5x Hybrid Zoom 4K and 960 fps video recording	Front: 24MP, f/2.0  Rear camera: 40MP RGB (f/1.8) + 20MP monochrome (f/1.6) + 8MP telephoto (f/2.4) HUAWEI AIS 4D predictive focus 5x Hybrid Zoom 4K and 960 fps video recording	Front: 24MP, f/2.0  Rear camera: 40MP RGB (f/1.8) + 20MP monochrome (f/1.6) + 8MP Telephoto (f/2.4) HUAWEI AIS PDAF+CAF+Laser+Depth auto focus 5x Hybrid Zoom 4K and 960 fps video recording
<b>Battery</b>	3400mAh (Typical Value)	4000mAh (Typical Value)	4000mAh (Typical Value)