

Smartphone for Snapdragon Insiders



SPECIFICATIONS & FEATURES

Color

- Midnight blue

Weight and Dimensions

- 210g
- L 173.15 x W 77.25 x H 9.55mm

Operating System

- Android 11

Processor

- Snapdragon® 888 5G Mobile Platform with 5 nm, 64-bit Octa-core Processor, 2.84 GHz
- Qualcomm® Adreno™ 660 GPU

Memory

- LPDDR5 16GB

Storage

- USF3.1 512GB

Display

- 6.78" 20.4:9 (2448 x 1080) 144 Hz / 1 ms Samsung AMOLED
- Delta-E < 1
- 800 nits outdoor-readable brightness
- 1,200 nits peak brightness
- HDR10 and HDR10+ certified
- 111.23% DCI-P3, 106.87% NTSC, 150.89% sRGB color gamut coverage
- Corning® Gorilla® Glass Victus
- Supports Always-On display
- Capacitive touchscreen with 10-point multitouch (supports glove touch)

Rear Cameras

- Main Camera:
 - Sony® flagship IMX686 64 MP image sensor - 1/1.73" large sensor size, 0.8 µm pixel size
 - Quad Bayer technology - 16 MP, 1.6 µm large effective pixel size
 - F1.8 aperture
 - 26.6 mm equivalent focal length in 35 mm film camera
 - 6p lens
 - 78.3° field of view
 - 2x1 On-chip-lens phase detection autofocus
 - 4-axis, optical image stabilization
 - Dual LED flash
 - Instant cameras switching
- Ultrawide Camera:
 - Sony® flagship IMX363 12 MP dual pixel image sensor - 1/2.55" sensor size, 1.4 µm pixel size
 - F2.2 aperture
 - Real-time distortion correction
 - 14.3 mm equivalent focal length in 35 mm film camera
 - Supports 4 cm Macro shot
- Telephoto Camera:
 - 8 MP
 - 3x optical zoom, up to 12x total zoom
 - 4-axis, optical image stabilization
 - 80 mm equivalent focal length in 35 mm

film camera

Front Camera

- 24 MP
- 27mm equivalent focal length in 35mm film camera

Audio

- Dual speakers with Qualcomm Aqstic WSA8835 smart speaker amplifier for louder, deeper and less distorted sound effect
- Front Firing Speaker: AAC SLS0916A-04
- Side Firing Speaker: AAC 1216SLS
- Codec: Qualcomm Aqstic WCD9385 audio codec enabling High Dynamic Range (HDR) Recording and ultra low power Voice UI
- Audio Output:
 - Hi-Res Audio up to 384 kHz / 32-bit with USB-C output
 - Sound Optimization app with multiple listening profiles
- Microphone: Quad Infineon IM73A135V01 microphones with 73dB SNR, 114dB dynamic range
- Qualcomm High Dynamic Range (HDR) Record technology for studio quality recording
- Qualcomm Noise Reduction Technology

Video Recording

- 8K UHD (7680 x 4320) video at 30 fps for main rear camera
- 4K UHD (3840 x 2160) video at 30 / 60 fps for main rear camera
- 4K UHD (3840 x 2160) video at 30 / 60 fps for second rear camera
- 1080p FHD video recording at 30 / 60 fps with HyperSteady
- 720p HD video recording at 30 fps
- 3-axis electronic image stabilization
- Take still photo while recording video

Wireless Technology

- Integrated WiFi 6E (802.11a/b/g/n/ac/ax, 2x2 MIMO)
- Supports 2.4GHz/ 5GHz/ 6GHz WiFi
- Bluetooth® 5.2 (HFP + A2DP + AVRCP + HID + PAN + OPP)
- Supports Qualcomm® aptX™ Adaptive and Snapdragon Sound technology
- Wi-Fi Direct
- NFC

Navigation

- GPS (L1/L5)
- GLONASS (L1)
- BDS(B1/B2a)
- GALILEO (E1/E5a)
- QZSS (L1/L5)
- NavIC (L5)

SIM Cards

- Dual SIM slots
- Slot 1: 5G/4G/3G/2G Nano SIM card
- Slot 2: 5G/4G/3G/2G Nano SIM card
- 5G+5G or 4G dual-SIM / dual-standby support; 5G services are only supported in 5G network-enabled locations in 5G-ready countries.

Network / RF Band Support

- GSM/GPRS/EDGE; WCDMA/HSPA+/DC-HSPA+; FDD-LTE; TD-LTE; 5G Sub 6 SA/NSA; 5G mmWave
- 5G Sub6 NR (Bands n1, n2, n3, n5, n7, n8, n11, n12, n13, n14, n18, n20, n21, n25, n26, n28, n30, n38, n40, n41, n42, n43, n46, n48, n66, n71, n77, n78, n79)
- 5G mmWave (Bands n257, n258, n260, n261)
- FDD-LTE (Bands 1, 2, 3, 4, 5, 7, 8, 11, 12, 13, 14, 17, 18, 19, 20, 21, 25, 26, 28, 29, 30, 32, 66, 71)
- TD-LTE (Bands 34, 38, 39, 40, 41, 42, 43, 46, 48)
- WCDMA (Bands 1, 2, 3, 4, 5, 6, 8, 9, 19)
- EDGE / GPRS / GSM (850, 800, 1800, 1900 MHz)
- Supports 4x4 MIMO, HPUE, HO RxD
- FR1: DL 4.4Gbps, UL 542Mbps
- LTE: LTE 6CA (DL/UL) 2.0Gbps (cat20) (CA_1C-3C-7A-38C) / 150 (cat13) Mbps; Gigabit LTE
- DC-HSPA+: DL 42 Mbps / UL 5.7 Mbps
- 4x4 MIMO and CA with 4x4 MIMO support

Sensors

- Gyroscope sensor
- E-compass sensor
- Proximity sensor
- Light sensor
- Hall sensor

Battery

- 4000mAh high-capacity battery
- Supports Qualcomm® Quick Charge™ 5.0 charging

Power Adaptor

- Quick Charge 5 power adapter (65W)
- Output: 3.3-21V 3.25A, supports up to 65W Quick Charge 5.0 Direct Charge adapter

Security Support

- Fingerprint Sensor: Qualcomm® 3D Sonic Sensor Gen 2

In the Box

- Smartphone
- Premium Earbuds from Master & Dynamic and Charging Case
- Quick Charge 5 power adapter (65W other than India) (35W in India)
- Phone case
- Documentation (User Guides, Warranty Cards)
- USB-C to USB-C Cable for Quick Charge 5 adapter (1 meter)
- USB-C to USB-A Cable for earbuds charging case (50cm)
- Ejector pin (SIM tray needle)

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