**Technical Specifications**

**Display**

* Screen Size: 6.8 inches
* Screen Technology: Dynamic AMOLED 2X
* Screen Resolution: 1440 x 3088 pixels (QHD+)
* Screen Features: 120Hz, HDR10+, 1750 nits, Gorilla Glass Victus 2
* Refresh Rate: 120Hz
* Screen Type: Punch-hole

**Rear Camera**

* Ultra-wide: 12MP F2.2 (Dual Pixel AF)
* Main: 200MP F1.7 OIS ±3° (Super Quad Pixel AF)
* Telephoto 1: 10MP F4.9 (10X, Dual Pixel AF) OIS
* Telephoto 2: 10MP F2.4 (3X, Dual Pixel AF) OIS, 100X Space Zoom
* Video Recording: 8K@24/30fps, 4K@30/60fps, 1080p@30/60/240fps, 720p@960fps, HDR10+, stereo sound rec., gyro-EIS
* Camera Features: Super Slow Motion, Pro Mode, HDR, Optical Zoom, Beautification, Live Photo, Color Filters, Time Lapse, Ultrawide Angle, Wide Angle, Panorama, Optical Image Stabilization

**Front Camera**

* Camera: 12MP F2.2 (Dual Pixel AF)
* Front Video Recording: 4K@30/60fps, 1080p@30fps

**Processor & Graphics**

* Chipset: Snapdragon 8 Gen 2 (4 nm)
* CPU Type: 1x3.36 GHz Cortex-X3 & 2x2.8 GHz Cortex-A715 & 2x2.8 GHz Cortex-A710 & 3x2.0 GHz Cortex-A510
* GPU: Adreno 740

**RAM & Storage**

* RAM Capacity: 8 GB
* Internal Storage: 256 GB
* Memory Card Slot: None

**Battery & Charging Technology**

* Battery: 5,000mAh
* Charging Technology: Wired - 45W, Wireless - 15W (Qi/PMA), Wireless Power Share
* Charging Port: USB Type-C

**Connectivity & Communication**

* SIM Card: 2 Nano SIMs or 1 Nano SIM + 1 eSIM
* Operating System: Android
* NFC Technology: Yes
* Network Support: 5G
* Wi-Fi: Wi-Fi 802.11 a/b/g/n/ac/6e, tri-band, Wi-Fi Direct
* Bluetooth: 5.3, A2DP, LE
* GPS: GPS, GLONASS, BDS, GALILEO

**Design & Weight**

* Dimensions: 163.4 x 78.1 x 8.9 mm
* Weight: 234 g
* Back Material: Glass
* Frame Material: Aluminum

**Other Specifications**

* Compatibility: S-Pen Compatible
* Water and Dust Resistance: IP68
* Other Features: Samsung DeX, Samsung Wireless DeX, Bixby Virtual Assistant, Samsung Pay, Always-On Display (AOD), Expandable RAM, One-Handed Operation Mode
* Audio Technology: Dual Speakers, AKG Sound, Dolby Atmos Sound
* In-Display Fingerprint Sensor
* Sensors: Accelerometer, Proximity Sensor, Compass, Gyroscope, Barometer
* Special Features: 5G Support, Wireless Charging, Fingerprint Security, Face Recognition, Water and Dust Resistance

**General Information**

* Release Date: 02/2023