**SAMSUNG**

# Samsung Galaxy S24 Ultra 6.8" Dual SIM 5G USB Type-C 12 GB 512 GB 5000 mAh Gray, Titanium

**Brand :** Samsung

**Product family:** Galaxy

**Article code:** SM-S928BZTHEUE
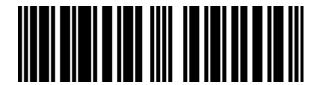
**Product name :** Galaxy S24 Ultra

6.8'' FHD+ Dynamic AMOLED 2X, 12GB RAM, 512GB ROM, 200MP+50MP+12MP+10MP/12MP, 5G, 5000 mAh, Titanium Gray

Samsung Galaxy S24 Ultra . Display diagonal: 6.8", Display resolution: 3120 x 1440 pixels. Processor family: Qualcomm Snapdragon, Processor model: 8 Gen 3. RAM capacity: 12 GB, Internal storage capacity: 512 GB. Rear camera resolution (numeric): 200 MP, Rear camera type: Quad camera. SIM card capability: Dual SIM. Battery capacity: 5000 mAh. Product color: Gray, Titanium. Weight: 8.18 oz (232 g)

## Display

| | |
|---|---|
| Display diagonal * | 17.3 cm (6.8") |
| Screen shape | Flat |
| Display technology marketing name | Dynamic AMOLED 2X |
| Display glass type | Gorilla Glass |
| Display resolution * | 3120 x 1440 pixels |
| Display number of colours | 16 million colours |
| Maximum refresh rate | 120 Hz |

## Processor

| | |
|---|---|
| Processor family * | Qualcomm Snapdragon |
| Processor model * | 8 Gen 3 |
| Processor cores | 8 |
| Processor boost frequency | 3.39 GHz |

## Storage

| | |
|---|---|
| RAM capacity * | 12 GB |
| Internal storage capacity * | 512 GB |

## Camera

| | |
|---|---|
| Rear camera resolution (numeric) * | 200 MP |
| Second rear camera resolution (numeric) | 50 MP |
| Third rear camera resolution (numeric) | 12 MP |
| Fourth rear camera resolution (numeric) | 10 MP |
| Rear camera aperture number | 1.7 |
| Second rear camera aperture number | 3.4 |
| Third rear camera aperture number | 2.2 |
| Fourth rear camera aperture number | 2.4 |
| Optical zoom | 10x |
| Digital zoom | 100x |
| Front camera type * | Single camera |
| Front camera resolution (numeric) * | 12 MP |
| Front camera aperture number | 2.2 |
| Rear camera flash * | ✔ |
| Video capture resolution (max) | 7680 x 4320 pixels |
| Maximum frame rate | 240 fps |

## Network

| | |
|---|---|
| 4G bands supported | 700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz |
| 5G bands supported | 700,800,850,900,1500,1800,1900,2100,2300,2500,2600,3500,3700 MHz |
| Wi-Fi Direct | ✔ |
| MIMO | ✔ |
| Modulation | 4096-QAM |
| Near Field Communication (NFC) | ✔ |

## Ports & interfaces

| | |
|---|---|
| USB port | ✔ |
| USB connector type | USB Type-C |
| USB version | 3.2 Gen 1 (3.1 Gen 1) |

## Design

| | |
|---|---|
| Form factor * | Bar |
| Product colour * | Grey, Titanium |
| International Protection (IP) code | IP68 |
| Protection features | Dust resistant, Water resistant |

## Performance

| | |
|---|---|
| Fingerprint reader | ✔ |
| Hearing aid compatibility | ✔ |

## Navigation

| | |
|---|---|
| GPS (satellite) | ✔ |
| GLONASS | ✔ |
| BeiDou | ✔ |
| Galileo | ✔ |
| Quasi-Zenith Satellite System (QZSS) | ✔ |
| Position location * | ✔ |

## Multimedia

| | |
|---|---|
| Speakers | stereo |
| Audio formats supported | 3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF |
| Video formats supported | 3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM |

## Software

| | |
|---|---|
| Platform * | Android |

## Battery

| | |
|---|---|
| Removable battery | ✘ |

**Camera**

| | |
|---|---|
| Resolution at capture speed | 1280x720@30fps, 1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps, 7680x4320@30fps |
| Video recording modes | 720p, 1080p, 2160p, 4320p |
| Rear camera type * | Quad camera |
| Auto focus | ✔ |
| Image stabilizer | ✔ |
| Image stabilizer type | Optical Image Stabilization (OIS) |

**Network**

| | |
|---|---|
| SIM card capability * | Dual SIM |
| Mobile network generation * | 5G |
| SIM card type * | NanoSIM + eSIM |
| 3G standards * | UMTS, WCDMA |
| 4G standard * | LTE-TDD & LTE-FDD |
| 5G standard * | Sub6 FDD, Sub6 SDL, Sub6 TDD |
| Wi-Fi | ✔ |
| Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 7 (802.11be) |
| Bluetooth * | ✔ |
| Bluetooth version | 5.3 |
| 3G bands supported | 850,900,1900,2100 MHz |

**Battery**

| | |
|---|---|
| Battery capacity * | 5000 mAh |
| Browsing time (Wi-Fi) | 28 h |
| Browsing time (4G) | 27 h |
| Continuous audio playback time | 95 h |
| Continuous video playback time | 30 h |

**Sensors**

| | |
|---|---|
| Proximity sensor | ✔ |
| Accelerometer | ✔ |
| Ambient light sensor | ✔ |
| Gyroscope | ✔ |
| Barometer | ✔ |
| Geomagnetic sensor | ✔ |
| Hall sensor | ✔ |

**Weight & dimensions**

| | |
|---|---|
| Width | 79 mm |
| Depth | 8.6 mm |
| Height | 162.3 mm |
| Weight * | 232 g |

**Packaging content**

| | |
|---|---|
| Cables included | USB Type-C |
| SIM card ejector pin | ✔ |

**Other features**

| | |
|---|---|
| Repairability index | 8.5 |

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