Display

**Display (external cover)**

Full screen 5.8-inch (146.7 mm) display[1](https://store.google.com/#footnote:measure)

17.4:9 aspect ratio

FHD+ 1080 x 2092 OLED at 408 PPI

Smooth Display (up to 120 Hz)[2](https://store.google.com/#footnote:available)

Corning® Gorilla® Glass Victus™ cover glass

Always-on display with At a Glance and Now Playing

Up to 1200 nits (HDR) and up to 1550 nits (peak brightness)[3](https://store.google.com/#footnote:hdr)

1,000,000:1 contrast ratio

HDR supported

Full 24-bit depth for 16 million colours

**Display (internal folding)**

Full screen 7.6-inch (192.3 mm) display[1](https://store.google.com/#footnote:measure)

6:5 aspect ratio

2208 x 1840 OLED at 380 PPI

Smooth Display (up to 120 Hz)[2](https://store.google.com/#footnote:available)

Ultra thin glass with protective plastic layer

Always-on display with At a Glance and Now Playing

Up to 1000 nits (HDR) and up to 1450 nits (peak brightness)[3](https://store.google.com/#footnote:hdr)

1,000,000:1 contrast ratio

HDR supported

Full 24-bit depth for 16 million colours

Dimensions and weight[4](https://store.google.com/#footnote:dimensions)10 oz (283 g)

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**Folded**

5.5 height x 3.1 width x 0.5 depth (inches)

139.7 height x 79.5 width x 12.1 depth (mm)

**Unfolded**

5.5 height x 6.2 width x 0.2 depth (inches)

139.7 height x 158.7 width x 5.8 depth (mm)

Battery and chargingBeyond 24-hour battery life5

Beyond 24-hour battery life[5](https://store.google.com/#footnote:battery_life)

Up to 72-hour battery life with Extreme Battery Saver[6](https://store.google.com/#footnote:usage_profile)

Minimum 4727 mAh

Typical 4821 mAh[7](https://store.google.com/#footnote:cell_behavior)

Fast charging (hours of power with minutes of charge) with Google 30 W USB-C® Charger with USB-PD 3.0 (PPS) sold separately

Qi-certified

Convenient wireless charging

Memory and storage12 LPDDR5 GB RAM

12 LPDDR5 GB RAM

256 and 512 GB UFS 3.1 storage[8](https://store.google.com/#footnote:formatting)

ProcessorGoogle Tensor G2

Google Tensor G2

Titan M2™ security coprocessor

Security

VPN by Google One at no extra cost[9](https://store.google.com/#footnote:vpn)

End-to-end security designed by Google

Multi-layer hardware security: Tensor security core, certified Titan M2™ security chip and Trusty (Trusted Execution Environment)

Minimum five years of security updates[10](https://store.google.com/#footnote:5_years)

Anti-phishing and anti-malware protection

Automatic security checks and privacy controls with security and privacy settings

Camera and mic toggles

Private Compute Core to protect on-device AI features like Now Playing and Smart Reply

Android System Intelligence

Rear camera48 MP Quad PD with OIS + CLAF

**48 MP Quad PD with OIS + CLAF**

0.8 μm pixel width

ƒ/1.7 aperture

82° field of view[11](https://store.google.com/#footnote:fov)

1/2" image sensor size

**10.8 MP ultrawide camera**

1.25 μm pixel width

ƒ/2.2 aperture

121.1° field of view[11](https://store.google.com/#footnote:fov)

1/3" image sensor size

Lens correction

**10.8 MP dual PD telephoto camera**

1.22 μm pixel width

ƒ/3.05 aperture

21.9° field of view[11](https://store.google.com/#footnote:fov)

1/3.1" image sensor size

5x optical zoom

Super Res Zoom up to 20x[12](https://store.google.com/#footnote:modes)

LDAF (laser detect auto focus) sensor

Optical + electronic image stabilization

Spectral and flicker sensor

Fast camera launcher

Front camera9.5 MP Dual PD11

9.5 MP Dual PD[11](https://store.google.com/#footnote:fov)

1.22 μm pixel width

ƒ/2.2 aperture

Fixed focus

84° field of view[11](https://store.google.com/#footnote:fov)

Inner camera8 MP

8 MP

1.12 μm pixel width

ƒ/2.0 aperture

Fixed focus

84° field of view[11](https://store.google.com/#footnote:fov)

AuthenticationFingerprint Unlock with power button fingerprint sensor

Fingerprint Unlock with power button fingerprint sensor

Face Unlock[16](https://store.google.com/#footnote:face_unlock)

Pattern, PIN, password

Sensors

Proximity sensor

Ambient light sensor

Accelerometer

Gyrometer

Magnetometer

Barometer

Hall effect

Connectivity and locationWi-Fi 6E (802.11ax) with 2.4G+5GHz+6GHz, HE160, MIMO

Wi-Fi 6E (802.11ax) with 2.4G+5GHz+6GHz, HE160, MIMO

Bluetooth® v5.2 with dual antennas for enhanced quality and connection

Ultra-Wideband chip for accurate ranging and spatial orientation

NFC

Google Cast

Dual Band GNSS

GPS, GLONASS, Galileo, QZSS, BeiDou, NavIC