



edge<sup>50</sup>  
ULTRA

hello smARTphone

## PERFORMANCE

### CPU

Snapdragon® 8s Gen 3 Mobile Platform

### OS

Android™ 14

### Memory

16 GB or 12 GB  
LPDDR5X | + RAM Boost

### Storage

1 TB or 512 GB built-in  
UFS 4.0

## DESIGN

### Dimensions

161.09x 72.38 x 8.59mm | 6.3 x 2.8 x 0.3in.

### Weight

197g | 6.95oz.

### Water protection

IP68 water protection

### Body

Front: 3D Corning® Gorilla® Glass Victus®  
with anti-fingerprint coating  
Frame: Sandblasted aluminum  
Rear: Vegan Leather or Wood

### Colors

Forest Grey (Vegan Leather)  
Nordic Wood  
Peach Fuzz (Vegan Leather)

## VIDEO CAPTURE

### Rear Main Camera:

4K UHD (60/30fps), FHD (60/30fps)  
4K UHD HDR10+ (30fps), FHD HDR10+ (30fps w/  
EIS)  
Slow motion: FHD (960/240/120fps)

### Rear Ultra-wide/Macro Camera:

4K UHD (60/30fps), FHD (60/30fps)

### Rear Telephoto Camera:

4K UHD (60/30fps), FHD (60/30fps)

### Front Camera

4K UHD (60/30fps), FHD (60/30fps)  
Slow motion: FHD (120fps)

## CAMERAS

### Main Rear Camera

50MP  
1/1.3" optical format  
f/1.6 aperture  
1.2µm pixel size | Quad Pixel Technology for 2.4µm  
Omni-directional PDAF  
Optical Image Stabilization

### Camera 2

50MP Ultrawide angle (122° FOV)  
Macro Vision  
f/2.0 aperture  
0.64µm pixel size | Quad Pixel Technology for 1.28µm  
Autofocus

### Camera 3

64MP Telephoto  
3x Optical Zoom  
f/2.4 aperture  
1.4µm pixel size | Quad Pixel Technology for 1.4µm  
Autofocus  
Optical Image Stabilization

### Sensor(s)

Laser autofocus (time-of-flight);  
3-in-1 Sensor (exposure, auto white balance, flicker)  
LED Flash

### Front Camera

50MP  
f/1.9 aperture  
0.64µm pixel size | Quad Pixel Technology for 1.28µm  
Autofocus

## Rear Camera Software

### Shooting modes:

Portrait (24mm/35mm/50mm/85mm) | Macro | Long Exposure | Timelapse |  
Dual Capture | Ultra-Res | Night Vision | Tilt-Shift | Pro | Spot Color |  
Scan (powered by Adobe Scan) | 360° Panorama

### Artificial intelligence:

Photo Enhancement Engine | Action Shot | Auto Smile Capture |  
Gesture Capture | Google Lens™ integration | Color Optimization |  
Smart High Resolution | Style Sync

### Other features:

Google Photos Auto Enhance | Pantone Validated™ color & Pantone Skintone™  
Validated | Super Zoom | Super Zoom: 100x |  
Ultra HDR (10-bit format) | Burst Shot | Timer | Assistive Grid | Leveler | Metering  
Mode | Watermark | Live Filters | Selfie Photo Mirror | Selfie Stick Support | RAW  
Photo Output | QR/Barcode Scanner |  
Quick Capture (twist-twist)



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## DISPLAY

6.7" Super HD (1220p) display

Super HD (2712 x 1220)  
446ppi

20:9 aspect ratio

Active Area-Touch Panel (AA-TP): 93.8% screen-to-body ratio

pOLED

HDR10+

10-bit; Over a billion shades of color

100% DCI-P3 color space

144Hz refresh rate

Touch rate: 360Hz (gaming mode)

DC Dimming

LTPS

Peak Brightness: 2500 nits

## DISPLAY CERTIFICATIONS

HDR10+

Amazon HD streaming

Netflix HD streaming

SGS Low Blue Light

SGS Low Motion Blur

Pantone Validated™ color & Pantone Skintone™ Validated

## BATTERY/CHARGING

### Battery

4500mAh

### Charging

125W TurboPower™

charging

Up to 50W\* wireless charging

10W wireless power sharing

## AUDIO

### Speakers

Dual stereo speakers; Tuning by Dolby Atmos™

Supports Dolby Head Tracking™

Snapdragon Sound™

Linear x-axis vibration

**Microphones:** 3

## NETWORK BANDS

### [ROW]

**5G:** n1/2/3/5/7/8/20/26/28/38/40/41/66/71/75/77/78

**4G:** B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28/32/38/39/40/41/42/43/66

**3G:** B1/2/4/5/8

**2G:** B2/3/5/8

## CONNECTIVITY

**Wi-Fi:** Wi-Fi 802.11 a/b/g/n/ac/ax

2.4 GHz | 5 GHz | 6GHz

Wi-Fi 7

Wi-Fi hotspot

**UWB:** Ultra Wideband Supported

**USB:** USB Type-C port (USB 3.1 gen 2 compatible); DisplayPort 1.4

**Bluetooth:** Bluetooth® 5.4

## OTHER

### In box accessories

125W TurboPower™ charger

USB Type-C to USB Type-C cable

Guides

SIM tool

[select countries] Headset (USB-C)

[select countries] Protective case

[select countries] Protective film

**NFC:** Yes

**FM Radio:** N/A

**Sim Card:** Dual SIM (pSIM + eSIM) | Single SIM (pSIM or eSIM)

**Location Services:** GPS, AGPS, LTEPP, SUPL, Glonass, Galileo, Navic

**Sensors:** Proximity, Ambient light (front), 3-in-1 sensor (exposure, auto white balance, flicker), Accelerometer, Gyroscope, SAR sensor, Magnetometer (compass)

**Security:** On-screen fingerprint reader, Face unlock, ThinkShield®, Moto Secure