



hello smARTphone

## PERFORMANCE

### CPU

Snapdragon® 7 Gen 3 Mobile Platform

### OS

Android™ 14

### Memory

12 GB LPDDR4X | + RAM Boost

### Storage

512 GB built-in  
UFS 2.2

## DESIGN

### Dimensions

161.23 x 72.4 x 8.19mm

### Weight

186g

### Water protection

IP68 water protection

### Colors

Black Beauty (Vegan Leather)  
Luxe Lavender (Vegan Leather)  
Moonlight Pearl, Special Edition  
[Japan Only] Vanilla Cream (Vegan Leather)

## VIDEO CAPTURE

### Rear Main Camera:

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

### Rear Ultra-wide/Macro Camera:

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

### Rear Telephoto Camera:

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



## CAMERAS

### Main Rear Camera

50MP  
1/1.55" optical format  
f/1.4 aperture  
1.0µm pixel size | Quad Pixel Technology for 2.0µm  
Omni-directional PDAF  
Optical Image Stabilization

### Camera 2

13MP Ultrawide angle (120° FOV)  
Macro Vision  
f/2.2 aperture  
1.12µm pixel size  
Autofocus

### Camera 3

10MP Telephoto  
3x Optical Zoom  
f/2.0 aperture  
1.0µm pixel size  
Autofocus  
Optical Image Stabilization

### Sensor(s)

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

### 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 | Auto Smile Capture | Gesture Capture |  
Google Lens™ integration | Shot Optimization | Smart High Resolution |  
Style Sync

### Other features:

Google Photos Auto Enhance | Pantone Validated™ color &  
Pantone Skintone™ Validated | Super Zoom: 30x | 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)





edge 50 PRO

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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: 2000 nits



## 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:** 2

## NETWORK BANDS

### [ROW]

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

**4G:** B1/2/3/4/5/7/8/12/13/17/18/19/20/26/28/32/38/39/40/41/42/43/48/66

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

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

### [JAPAN]

**5G:** n1/3/5/8/28/41/66/77/78

**4G:** B1/2/3/4/5/7/8/11/12/17/18/19/26/28/38/39/40/41/42/66

**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 6E

Wi-Fi hotspot

**USB:** USB Type-C port (USB 3.1) DisplayPort 1.4

**Bluetooth:** Bluetooth® 5.4

## OTHER

### In box accessories

[select countries] 125W TurboPower™ charger

[select countries] USB Type-C to USB Type-C cable

Guides

SIM tool

[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, 3-in-1 sensor (exposure, auto white balance, flicker), Time of Flight, Accelerometer, Gyroscope, SAR sensor, Magnetometer (compass)