

# Oneplus 12: Specification



## General Spect:

Operating System	Android v14
Custom UI	Oxygen OS
RAM	12 GB
Processor	Qualcomm Snapdragon 8 Gen 3
Rear Camera	50 MP + 48 MP + 64 MP
Front Camera	32 MP
Battery	5400 mAh
Display	6.82 inches (17.32 cm)

Display: **8/10**

Display Type	AMOLED
Screen Size	6.82 inches (17.32 cm)
Resolution	1440 x 3168 pixels
Aspect Ratio	20:9
Pixel Density	510 ppi
Screen to Body Ratio (calculated)	90.17 %
Screen Protection	Corning Gorilla Glass, Glass Victus 2
Bezel-less display	Yes with a punch-hole display
Touch Screen	Yes, Capacitive Touchscreen, Multi-touch
Brightness	600 nits
HDR 10 / HDR+ support	Yes, HDR 10+
Refresh Rate	120 Hz
Screen to Body Ratio (claimed by the brand)	93.5 %

Height	164.3 mm
Width	75.8 mm
Thickness	9.1 mm
Weight	220 grams
Build Material	Back: Gorilla Glass
Colours	Silver, Leave Black, Green
Waterproof	Yes, Water resistant, IP65
Ruggedness	Dustproof

## Performance: 9/10

Chipset	Qualcomm Snapdragon 8 Gen 3
CPU	Octa-core (3.3 GHz, Single core, Cortex X4 + 3.2 GHz, Penta Core, Cortex A720 + 2.3 GHz, Dual core, Cortex A520)
Architecture	64 bit
Fabrication	4 nm
Graphics	Adreno 750
RAM	12 GB
RAM Type	LPDDR5X

## Camera: 7.5/10

MAIN CAMERA	
Camera Setup	Triple
Resolution	<p>50 MP f/1.6, Wide Angle, Primary Camera (23 mm focal length, 1.4" sensor size)</p> <p>48 MP f/2.2, Ultra-Wide Angle Camera (14 mm focal length, 2" sensor size)</p> <p>64 MP f/2.6, Telephoto Camera (70 mm focal length, 2" sensor size)</p>
Sensor	LYT-T808, CMOS image sensor
Autofocus	Yes
OIS	Yes
Flash	Yes, Dual LED Flash
Image Resolution	8150 x 6150 Pixels
Settings	Exposure compensation, ISO control
Shooting Modes	<p>Continuous Shooting</p> <p>High Dynamic Range Mode (HDR)</p>
Camera Features	<p>Digital Zoom</p> <p>Auto Flash</p> <p>Face detection</p> <p>Touch to focus</p>
Video Recording	<p>7680x4320 @ 24 fps</p> <p>3840x2160 @ 30 fps</p> <p>1920x1080 @ 30 fps</p>
Video Recording Features	<p>Dual Video Recording</p> <p>Slo-motion</p>
FRONT CAMERA	

Camera Setup	Single
Resolution	32 MP f/2.4, Wide Angle, Primary Camera(21 mm focal length)
Video Recording	3840x2160 @ 30 fps 1920x1080 @ 30 fps

## Battery: 8/10

Capacity	5400 mAh
Type	Li-Polymer
Removable	No
Wireless Charging	Yes Charging Time: 55 minutes
Quick Charging	Yes, Super VOOC, 100W: 100 % in 26 minutes
USB Type-C	Yes

## Storage:

Internal Memory	256 GB
Expandable Memory	No
Storage Type	UFS 4.0
USB OTG	Yes

## Network and Connectivity:

SIM Slot(s)	Dual SIM, GSM+GSM
SIM Size	SIM1: Nano, SIM2: Nano
Network Support	5G Supported in India, 4G Supported in India, 3G, 2G
VoLTE	Yes
SIM 1	<p><b>5G Bands:</b></p> <p>FDD N1 / N3 / N5 / N7 / N8 / N20 / N28 / N66 TDD N38 / N40 / N41 / N77 / N78</p> <p><b>4G Bands:</b></p> <p>TD-LTE 2600(band 38) / 2300(band 40) / 2500(band 41) / 2100(band 34) / 1900(band 39) FD-LTE 2100(band 1) / 1800(band 3) / 2600(band 7) / 900(band 8) / 700(band 28) / 1700(band 4) / 850(band 5) / 850(band 18) / 850(band 19) / 800(band 20) / 850(band 26)</p> <p><b>3G Bands:</b></p> <p>UMTS 1900 / 2100 / 850 / 900 MHz</p> <p><b>2G Bands:</b></p> <p>GSM 1800 / 1900 / 850 / 900 MHz</p> <p><b>GPRS:</b></p> <p>Available</p> <p><b>EDGE:</b></p> <p>Available</p>
SIM 2	<p><b>5G Bands:</b></p> <p>FDD N1 / N3 / N5 / N7 / N8 / N20 / N28 TDD N38 / N40 / N41 / N66 / N77 / N78</p>

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Wi-Fi	Yes, <b>Wi-Fi 7</b> (802.11 a/b/g/n/ac/be/ax) 5GHz <b>6GHz</b> , MIMO
Wi-Fi Features	Mobile Hotspot
Bluetooth	Yes, <b>v5.4</b>
GPS	Yes with A-GPS, Glonass
NFC	Yes
USB Connectivity	Mass storage device, USB charging

## Extra Spect:

FM Radio	No
Stereo Speakers	Yes
Loudspeaker	Yes
Audio Jack	USB Type-C
Audio Features	Dolby Atmos

Fingerprint Sensor	Yes
Fingerprint Sensor Position	On-screen
Fingerprint Sensor Type	Optical
Other Sensors	Light sensor, Proximity sensor, Accelerometer, Compass, Gyroscope