

OnePlus 9 - astral black - 5G smartphone - 128 GB - GSM



Not in stock

SKU	5011101552
Product Description:	OnePlus 9 - astral black - 5G smartphone - 128 GB - GSM
Product Type:	5G smartphone
Display:	OLED display - 2400 x 1080 pixels - 6.55" - 402 ppi - (120 Hz) - 20:9 - Fluid AMOLED - HDR - Corning Gorilla Glass (scratch resistant glass)
Processor:	Qualcomm Snapdragon 888 (8-core)
Graphics Accelerator:	Qualcomm ADRENO 660
Modem:	Snapdragon X55 5G
Memory:	RAM 8 GB / 128 GB

General

Product Type:	Smartphone
Form Factor:	Touch
Width:	74.2 mm
Depth:	8.7 mm
Height:	160 mm
Weight:	192 g
Body Colour:	Astral black

Cellular

Technology:	WCDMA (UMTS) / GSM
Mobile Broadband Generation:	5G
Service Provider:	Not specified
Operating System:	OxygenOS (based on Android 11)
Navigation:	GPS, A-GPS, GLONASS, BeiDou, Galileo
SIM Card Type:	Nano SIM
SIM Card Qty:	Dual-SIM
Input Device:	Multi-touch

Communications

Miscellaneous

Compliant Standards:	SGS
Included Accessories:	SIM card removal tool, sticker, screen protector, USB-C to USB-C cable, protective case, Warp Charge 65 power adapter

Battery

Capacity:	4500 mAh
Fast Charging Technology:	Qualcomm Quick Charge, Warp Charge 65T technology
Wireless Charging:	Yes
Wireless Charging Standards:	Qi
Recharge Time:	29 min

Connections

Connector Type:	USB Type-C - 24 pin USB-C
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Display

Type:	OLED display
Technology:	Fluid AMOLED

Communications

Data Transmission:	FDD-LTE, TDD-LTE, 5G NR FR1
2G Band:	850 GSM, 900 GSM, 1800 GSM, 1900 GSM
3G UMTS Band:	Band 1, Band 2, Band 4, Band 5, Band 8, Band 9, Band 19
3G UMTS Frequency:	2100, 1900, 1700, 850, 900, 1700, 800
4G LTE Band:	Band 1, Band 2, Band 3, Band 4, Band 5, Band 7, Band 8, Band 12, Band 13, Band 17, Band 18, Band 19, Band 20, Band 25, Band 26, Band 28, Band 32, Band 38, Band 39, Band 40, Band 41, Band 66
4G LTE Frequency:	FDD 2100, FDD 1900 PCS, FDD 1800+, FDD 1700 - 2110 AWS, FDD 850, FDD 2600, FDD 900, FDD 700a, FDD 700c, FDD 700b, FDD 800 lower, FDD 800 upper, FDD 800 DD, FDD 1900+, FDD 850+, FDD 700 APT, FDD 1500 L, TDD 2600, TDD 1900, TDD 2300, TDD 2500, FDD 1700 - 2110 AWS-3
5G NR Band:	N1, n3, n5, n7, n8, n20, n28, n38, n41, n66, n78, n40
5G NR Frequency:	FDD 2100, FDD 1800, FDD 850, FDD 2600, FDD 900, FDD 800, FDD 700APT, TDD TD 2600, TDD TD 2500, FDD AWS-3, TDD TD 3500, TDD 2300
Wireless Interface:	NFC, IEEE 802.11a/b/g/n/ac/ax, Bluetooth 5.2
Modem:	Snapdragon X55 5G

Phone Features

Phone Functions:	Speakerphone, voice control, call timer, conference call, flight mode, voice dialing, vibrating alert
Sensors:	Accelerometer, ambient light sensor, proximity sensor, digital compass, gyro sensor, flicker sensor, sensor core
Security Devices:	Fingerprint reader (under display), face recognition
Additional Features:	Noise Cancellation Technology, MIMO technology, Gesture Controls, OnePlus Switch, Alert Slider, dual stereo speakers, Zen mode 2.0, OnePlus Games

Display

Diagonal Size:	6.55"
Display Resolution:	2400 x 1080 pixels
Pixel Density:	402 ppi
Aspect Ratio:	20:9
Max Brightness:	1100 cd/m²
HDR:	Yes
HDR Technology:	HDR10+
Enhancement Technology:	Vibrant Color Effect
Refresh Rate:	120 Hz
Protection:	Corning Gorilla Glass (scratch resistant glass)
Features:	Always-on display, Reading mode, night mode, Wide colour display (P3), sRGB support

Third Camera

Sensor Resolution:	2 Megapixel
Lens Aperture:	F/2.4
Lens Element Qty:	3-element
Functions:	Monochrome

Second Camera

Sensor Resolution:	50 Megapixel
Sensor Size:	1/1.56"
Sensor Name:	Sony Exmor RS IMX766 sensor
Lens Type:	Ultra wide-angle lens
Lens Aperture:	F/2.2
Min Focal Length:	14 mm
Lens Element Qty:	7-element
Features:	2x2 On-Chip Lens (OCL), Freeform Lens

Media Player

Supported Digital Audio Standards:	WAV, WMA, AAC, MP3, FLAC, AC-3, AAC +, OGG, APE (Monkey's Audio), M4A, LDAC, IMY, EAC3, MID, AMR-WB, AMR-NB, EAC3-JOC, AC-4
Supported Digital Video Standards:	MKV, FLV, AVI, MOV, WMV, 3GP, TS, WebM, H.265 HEVC, MP4
Sound Enhancements:	Qualcomm aptX audio, Qualcomm aptX HD audio, Dolby Atmos Surround Sound

Processor

Type:	Qualcomm Snapdragon 888
Processor Core Qty:	8-core

Graphics System

Graphics Accelerator:	Qualcomm ADRENO 660
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Memory

RAM:	LPDDR5 SDRAM - 8 GB
Internal Memory Capacity:	128 GB
Memory Interface:	UFS 3.1

Main Camera

Sensor Resolution:	48 Megapixel
Sensor Size:	1/1.43"
Sensor Name:	Sony Exmor RS IMX689 sensor
Lens Aperture:	F/1.8
Lens Construction:	7-element
Min Focal Length:	23 mm
Pixel Size:	1.12 µm
Focus Adjustment:	Automatic
Laser Auto Focus:	Yes
Special Effects:	HDR
Camera Modes:	Panorama, Time-lapse mode, Pro mode, HYPERLAPSE, Nightscape capture mode, Portrait, Filter mode, Super Macro, Portrait video, UltraShot HDR, Smart Scene Recognition, Tilt-shift mode, Focus Peaking, Cat/Dog Face Focus, Super Stable, Video Nightscape
Light Source:	Dual LED flash
Video Resolutions:	1920 x 1080 (1080p) at 30 fps, 1920 x 1080 (1080p) at 60 fps, 3840 x 2160 (4K) at 30 fps, 3840 x 2160 (4K) at 60 fps, Super slow motion video 1920 x 1080 (1080p) at 240 fps, Super slow motion video 1280 x 720 (720p) at 480 fps, 7680 x 4320 (8K) at 30fps
Features:	Tracking Focus, Phase Detect Auto-Focus (PDAF), Continuous Auto Focus (CAF), RAW image capture, Dual Native ISO, 2x2 On-Chip Lens (OCL), Hasselblad Camera, Natural Color Calibration, 12-bit RAW

Front Camera

Sensor Resolution:	16 Megapixel
Sensor Name:	Sony Exmor RX IMX471 sensor
Lens Aperture:	F/2.4

Front Camera

Focus Adjustment:	Focus free
Pixel Size:	1 μm
Special Effects:	HDR, face retouch
Camera Modes:	Time-lapse mode
Video Resolutions:	1920 x 1080 (1080p) at 30 fps
Light Source:	Display flash
Features:	Electronic Image Stabiliser (EIS)

