

Mobile Phone Evaluation Table

Parent Brand: **OPPO**

Sub-Brand: **OnePlus**

Category	Evaluation Parameter	OnePlus (OPPO Sub-Brand)
performance	Processor / Chipset	Snapdragon 8 Gen series
	GPU Performance	Adreno GPU
	RAM Capacity & Type	8GB–16GB LPDDR5/LPDDR5X
	Storage Speed & Type	UFS 3.1 / UFS 4.0
	Thermal Management	Vapor chamber cooling
	Real-world Performance	Very smooth, flagship-level
	App Launch Speed	Instant
	Multitasking	Excellent
	Gaming Performance	High FPS stability
	Heat Generation	Controlled under heavy load
	AI / NPU Performance	Strong AI processing via Snapdragon NPU
	Display Type	AMOLED / LTPO AMOLED
	Screen Size	6.5–6.8 inches
	Resolution	FHD+ / QHD+
	Refresh Rate	120Hz

Display	Touch Sampling Rate	Up to 1000 HZ
	Brightness	1300-4500 nits peak
	Color Accuracy	DCI-P3
	HDR Support	HDR10+, Dolby Vision
	Screen Protection	Gorilla Glass Victus
	Screen-to-body Ratio	~90%
	PWM/Flicker	Improved eye-comfort modes
Camera (Rear)	Lens Setup	Triple camera
	Sensor Size	Upto 1/1.3
	Megapixels	48MP-50MP main
	Aperture	f/1.6-f/1.8
	Stabilization	OIS + EIS
	Zoom	Optical + Hybrid
	Low-Light Performance	Very good (Night Mode)
	Video Recording	4K / 8K
	Video Stabilization	Excellent
	Image Processing	Hasselblad color tuning
Front Camera	Sensor Type	Sony sensor
	Autofocus	Available (selected models)
	Portrait Accuracy	High
	Video	1080p / 4K
	Capacity(mAh)	4500–5400 mAh
	Screen-on Time	6-8 hours
	(Wired) Charging Speed	80W-100W SuperVOOC

Battery & Charging	Reverse Wireless	Supported
	Charger in Box	Yes
	Battery Longevity	Good with optimized charging
Software / OS	Operating System	Android
	OS at Launch	Latest Android version
	Major Updates	4 years
	Security Patches	5 years
	UI / Skin	OxygenOS
	Bloatware	Minmal
	Ads	No
	Customization	High
	Stability Over Time	Excellent
Build Quality & Design	Materials	Glass & Aluminum
	Durability	High
	Weight	Balanced
	Thickness	Slim
	IP Rating	IP68 (flagship models)
	Buttons & Haptics	Premium
	Ergonomics	Comfortable
	Design Aesthetics	Clean & premium
Connectivity	5G	Sub-6 (some mmWave)
	Wi-Fi	Wi-Fi 6E / Wi-Fi 7
	Bluetooth	5.3
	NFC	Yes
	GPS	High accuracy

	USB	USB-C
	USB speed	USB 3.2
	Dual SIM	Yes
	Headphone Jack	No
Audio	Speakers	Stereo
	Sound Quality	Clear , loud
	Dolby Atmos	Supported
	Microphone	High quality
	Call Quality	Excellent
Storage & Memory	Configurations	8GB+128GB to 16GB+512GB
	Expandable Storage	No
	RAM Management	Excellent
Security	Fingerprint	In-display (Optical)
	Face Unlock	2D
	Biometric Speed	Very fast
	Software Security	Strong Android sandboxing
Price & Value	Price-Performance	Excellent
	Long-term Value	High
	Resale Value	Good
	Competition	Samsung, Xiaomi flagships
Special Features	Gaming Features	Advanced cooling
	AI Features	Image editing, voice
	Desktop	Limited
Accessories &	Ecosystem	OPPO/ OnePlus ecosystem
	Accessory Availability	High

Ecosystem	Smart Integration	Nearby Share
Reliability & Brand Support	Brand Reputation	Strong
	Customer Service	Good
	Repair Centers	Widely available
	Warranty	1year
	Spare Parts	Available
	Repairability	Moderate