Apple iPhone 16 Plus 256GB White



Brand : Apple **Product family:** iPhone **Product code:** MXWV3QN/A

Product name : iPhone 16 Plus 256GB White

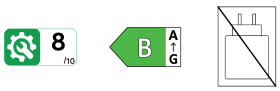
- The first iPhone designed for Apple Intelligence. Personal, private, powerful
- Camera Control. Get the perfect photo. While barely lifting a finger
- The all-new chip that empowers Apple Intelligence. And you
- A big boost in battery life? Yes, please
- New Ultra Wide camera. Take your photos further. And closer

iPhone 16 Plus, 6.7" OLED, 2796 x 1290, A18 Chip, 256GB, Wi-Fi 7 (802.11be), Bluetooth 5.3, NFC, 48MP + 12MP Ultra Wide, 12MP TrueDepth, Face ID, IP68, iOS 18

Apple iPhone 16 Plus 256GB White:



iPhone 16
Hello, Apple Intelligence.
Apple iPhone 16 Plus 256GB White. Display diagonal: 17 cm (6.7"), Display resolution: 2796 x 1290 pixels. Processor family: Apple, Processor model: A18. Internal storage capacity: 256 GB. Rear camera resolution (numeric): 48 MP, Rear camera type: Dual camera. SIM card capability: Dual SIM. Operating system installed: iOS 18. Product colour: White. Weight: 199 g



Display	
Display diagonal *	17 cm (6.7")
Screen shape	Flat
Display technology marketing name	Super Retina XDR
Panel type	OLED
Display glass type	Ceramic Shield
Display resolution *	2796 x 1290 pixels
Contrast ratio (typical)	2000000:1
Display brightness	1000 cd/m²
Maximum display brightness (HDR)	1600 cd/m²
Maximum display brightness (Outdoor)	2000 cd/m²
Display brightness (min)	1 cd/m²
High Dynamic Range (HDR) supported	✔
High Dynamic Range (HDR) technology	Dolby Vision, Extreme Dynamic Range (XDR), High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG), Smart HDR
Touchscreen type	Capacitive
Pixel density	460 ppi
Oleophobic coating	✔
Brand specific technologies	Dynamic Island, Haptic touch, True Tone, Wide color (P3)
Fingerprint resistant	✔
Rounded display corners	✔

Messaging	
Short Message Service (SMS)	✔
Multimedia Messaging Service (MMS)	✔
E-mail	✔

Navigation	
GPS (satellite)	✔
GLONASS	✔
BeiDou	✔
Galileo	✔
Quasi-Zenith Satellite System (QZSS)	✔
Electronic compass	✔
Position location *	✔
Wi-Fi positioning	✔

Design	
Form factor *	Bar
Product colour *	White
Protection features	Dust resistant, Splash proof, Water resistant
Waterproof up to	6 m
Housing material	Aluminium, Glass

Processor	
Processor family *	Apple
Processor model *	A18
Processor cores	6
Performance cores	2
Efficient cores	4
Neural processor unit (NPU)	Apple Neural Engine (ANE)
Neural processor unit (NPU) cores	16

Storage	
Internal storage capacity *	256 GB
Compatible memory cards *	Not supported

Camera	
Rear camera resolution (numeric) *	48 MP
Second rear camera resolution (numeric)	12 MP
Rear camera aperture number	1.6
Second rear camera aperture number	2.2
Second rear camera field of view (FOV) angle	120°
Rear camera focal length	2.6 cm
Second rear camera focal length	5.2 cm
Lens cover material	Sapphire crystal
Lens correction	✔
Optical zoom	4x
Optical zoom in	2x
Optical zoom out	2x
Digital zoom	10x
Front camera type *	Single camera
Front camera resolution (numeric) *	12 MP
Front camera aperture number	1.9
Rear camera flash *	✔
Front camera flash	✔
Video capture resolution (max)	3840 x 2160 pixels
Maximum frame rate	240 fps
Resolution at capture speed	1280x720@30fps, 1920x1080@25fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@24fps, 3840x2160@25fps, 3840x2160@30fps, 3840x2160@60fps
Video recording modes	720p, 1080p, 2160p
Rear camera type *	Dual camera
Auto focus	✔
Face detection	✔
Camera High Dynamic Range (HDR) mode	✔
Time lapse mode	✔
Video stabilizer	✔
Image stabilizer	✔
Image stabilizer type	Optical Image Stabilization (OIS)
Geotagging	✔
Multi-shot	✔
Self-timer	✔
Night mode	✔
Photonic Engine	✔
Deep Fusion	✔
Portrait Lighting	✔
Stereo recording	✔

Performance	
Video call	✔
Fast charging	✔
Wireless charging	✔
Graphics card cores	5
Emergency SOS (satellite)	✔
Crash detection	✔
Fingerprint reader	✘
Face recognition	✔
Accessibility features	AssistiveTouch, Back Tap, Closed Captions, Eye Tracking, Live Captions, Live Speech, Magnifier, Personal Voice, Real-time text (RTT), Siri and Dictation, Spoken Content, Switch Control, Teletype (TTY), Type to Siri, Vocal Shortcuts, Voice Control, VoiceOver, Zoom
Speakerphone	✔
Voice dialling	✔
Voice commands	✔
Action button	✔
Action button features	Accessibility, Flashlight, Recognize Music, Translate, Camera, Focus, Shortcut, Voice Memo, Controls, Magnifier, Silent mode
Camera button	✔
Screen sharing	✔
Spatial audio	✔
Voice isolation	✔
Wide Spectrum	✔
Roadside assistance	✔
Vibrating alert	✔

Multimedia	
Speakers	stereo
Audio formats supported	AAC, AAC-LC, AAX, AAX+, AC3, EAC3, FLAC, HE-AAC, HE-AAC v2, MP3, PCM
Video formats supported	AV1, H.264, HEVC, M-JPEG, MPEG4

Software	
Platform *	iOS
Operating system installed *	iOS 18
App distribution platform	Apple App Store
Virtual assistant	Apple Siri
Apple Intelligence	✔
Windows operating systems supported	✔
Mac operating systems supported	✔
Bundled software	Apple Store App Store Books Calculator Calendar Camera Clips Clock Compass Contacts FaceTime Files Find My Fitness Freeform GarageBand Health Home iMovie iTunes Store Keynote Magnifier Mail Maps Measure Messages Music News Notes Numbers Pages Passwords Phone Photos Podcasts Reminders Safari Settings Shortcuts Stocks Tips Translate TV Voice Memos Wallet Watch Weather

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Battery charge limit	✔
Battery endurance in cycles *	1000

Camera	
Camera button controls	Cameras, Depth, Exposure, Styles, Tone, Zoom
Panorama	✔
Portrait mode	✔
Macro photography	✔
Spatial photos	✔
Wind noise reduction	✔
Camera image formats supported	HEIF, JPEG
Camera video formats supported	H.264, HEVC
Audio zoom	✔

Network	
SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM
3G standards *	DC-HSDPA, HSPA+, UMTS
4G standard *	LTE-TDD & LTE-FDD
5G standard *	NR, NR mmWave
Voice over LTE (VoLTE) supported	✔
Wi-Fi	✔
Wi-Fi standards	Wi-Fi 7 (802.11be)
Bluetooth *	✔
Bluetooth version	5.3
Frequency band	Penta-band
3G bands supported	850,900,1700,1800,1900,2100 MHz
AirPlay	✔
iBeacon	✔
MIMO	✔
Near Field Communication (NFC)	✔

Subscription	
Subscription type *	No subscription

Ports & interfaces	
USB port	✔
USB connector type	USB Type-C

Battery	
Continuous audio playback time	100 h
Continuous video playback time (max)	27 h
Continuous video playback time (streamed) (max)	24 h

Sensors	
Proximity sensor	✔
Accelerometer	✔
Ambient light sensor	✔
Gyroscope	✔
Orientation sensor	✔
Barometer	✔

Power	
USB Type-C charging port *	✔
USB Power Delivery (USB PD)	✔
USB Type-C required charging power (min) *	4.5 W
USB Type-C required charging power (max) *	30 W

Endurance	
Energy efficiency class *	B
Energy efficiency scale	A to G
Battery endurance per cycle *	2880 min
Repeated free fall reliability class *	C
Repairability class *	C
Repairability index	8
International Protection (IP) code *	IP68

Weight & dimensions	
Width	77.8 mm
Depth	7.8 mm
Height	160.9 mm
Weight *	199 g

Packaging content	
AC adapter included *	✘
Cables included	USB Type-C to USB Type-C

Sustainability	
Doesn't contain	Arsenic, BFR, Mercury, PVC

Specific absorption rate (SAR)	
Head SAR (EU)	1.24 W/kg
Body SAR (EU)	1.33 W/kg
Head SAR (USA)	1.13 W/kg
Body SAR (USA)	1.16 W/kg

Operational conditions	
Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-20 - 45 °C
Operating relative humidity (H-H)	5 - 95%
Operating altitude	0 - 3000 m



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