



Apple iPhone 18 Pro Max 512GB Glacier

Brand : Apple **Product family:** iPhone **Product code:** MJXW4QN/A

Product name : iPhone 18 Pro Max 512GB Glacier

- 48MP Fusion Main camera with variable aperture. Improved low-light photos and video. Impressive depth of field
 - The longest battery life in an iPhone. Up to 45 hours video playback on iPhone 18 Pro Max
 - Four gorgeous colors. Two great sizes. One durable aluminum design
 - A20 Pro chip. Next-generation vapor chamber. Dual 16-core Neural Engine. Total AI powerhouse
 - Meet Siri AI. Your AI assistant. More personal. More powerful
- iPhone 18 Pro Max, 6.9" OLED, 2868 x 1320, A20 Pro Chip, 512GB, Wi-Fi 7 (802.11be), Bluetooth 6, NFC, 48MP Fusion + 48MP Fusion Ultra Wide + 48MP Fusion Telephoto, 18MP Center Stage, Face ID, IP68, iOS 27



Display		Network	
Display diagonal *	17.5 cm (6.9")	Bluetooth version	6.0
Screen shape	Flat	Bluetooth Low Energy (BLE)	✓
Display technology marketing name	Super Retina XDR	Frequency band	Penta-band
Panel type	OLED	3G bands supported	850,900,1800,1900,2100 MHz
Display glass type	Ceramic Shield 2	4G data rate (max)	1000 Mbit/s
Display resolution *	2868 x 1320 pixels	AirPlay	✓
Contrast ratio (typical)	2000000:1	iBeacon	✓
Display brightness	1000 cd/m²	MIMO	✓
Maximum display brightness (HDR)	1600 cd/m²	Near Field Communication (NFC)	✓
Maximum display brightness (Outdoor)	3000 cd/m²	Thread networking technology	✓
Display brightness (min)	1 cd/m²	Ports & interfaces	
High Dynamic Range (HDR) supported	✓	USB port	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG), Dolby Vision	USB connector type	USB Type-C
Pixel density	460 ppi	USB version	3.2 Gen 2 (3.1 Gen 2)
Oleophobic coating	✓	Messaging	
Brand specific technologies	Always-on display, Dynamic Island, Haptic touch, ProMotion, True Tone, Wide color (P3)	Short Message Service (SMS)	✓
Fingerprint resistant	✓	E-mail	✓
Rounded display corners	✓	Navigation	
Processor		GPS (satellite)	✓
Processor family *	Apple	NavIC	✓
Processor model *	A20 Pro	GLONASS	✓
Processor cores	6	BeiDou	✓
Performance cores	2	Galileo	✓
		Quasi-Zenith Satellite System (QZSS)	✓
		Electronic compass	✓

Processor		Navigation	
Efficient cores	4	Position location *	✓
Number of neural processor units (NPUs)	2	Wi-Fi positioning	✓
Neural processor unit (NPU)	Apple Neural Engine (ANE)	Design	
Neural processor unit (NPU) cores	16	Form factor *	Bar
Hardware-accelerated ray tracing	✓	Product colour *	Blue
Storage		Colour name	Glacier
Internal storage capacity *	512 GB	Back glass type	Ceramic Shield
Compatible memory cards *	Not supported	Magnet array	✓
Camera		Protection features	Water resistant, Splash proof, Reflective, Dust resistant
Rear camera resolution (numeric) *	48 MP	Waterproof up to	6 m
Second rear camera resolution (numeric)	48 MP	Housing material	Aluminium
Third rear camera resolution (numeric)	48 MP	Performance	
Rear camera aperture number	1.48	Video call	✓
Second rear camera aperture number	2.2	Fast charging	✓
Third rear camera aperture number	2.8	Wireless charging	✓
Second rear camera field of view (FOV) angle	120°	Wireless charging power	25 W
Rear camera focal length	2.4 cm	Graphics card cores	7
Second rear camera focal length	1.3 cm	Emergency SOS (satellite)	✓
Third rear camera focal length	10 cm	Crash detection	✓
Lens cover material	Sapphire crystal	Fingerprint reader	✗
Lens correction	✓	Face recognition	✓
Rear camera lens name	Fusion Main	Accessibility features	AssistiveTouch, Closed Captions, Eye Tracking, Live Captions, Live Speech, Magnifier, Personal Voice, Real-time text (RTT), Spoken Content, Switch Control, Teletype (TTY), Type to Siri, Vocal Shortcuts, Voice Control, VoiceOver, Zoom
Second rear camera lens name	Fusion Ultra Wide		
Third rear camera lens name	Fusion Telephoto		
Optical zoom	16x	Speakerphone	✓
Optical zoom in	8x	Voice commands	✓
Optical zoom out	2x	Hearing aid compatibility	✓
Digital zoom	40x	Action button	✓
100% Focus pixels	✓	Action button features	Silent mode, Focus, Camera, Visual Intelligence, Voice Memo, Flashlight, Translate, Recognize Music, Controls, Magnifier, Accessibility, Shortcut
Hybrid focus pixels	✓		
Front camera type *	Single camera		
Front camera resolution (numeric) *	18 MP	Camera button	✓
Front camera resolution	3840 x 2160 pixels	Screen sharing	✓
Front camera aperture number	1.9	Spatial audio	✓
Rear camera flash *	✓	Voice isolation	✓
Video capture resolution (max)	3840 x 2160 pixels	Wide Spectrum	✓
Maximum frame rate	240 fps	Roadside assistance	✓
Video recording modes	720p, 1080p, 2160p	Vibrating alert	✓
Rear camera type *	Triple camera	Multimedia	
Auto focus	✓	Number of microphones	4
Smart framing	Center Stage	Speakers	stereo
Face detection	✓	Audio formats supported	MP3, APAC, AAC, FLAC
Camera High Dynamic Range (HDR) mode	✓	Video formats supported	AV1, H.264, HEVC, Apple Log 2
Time lapse mode	✓	Software	
Video stabilizer	✓	Platform *	iOS
Image stabilizer	✓	Operating system installed *	iOS 27
Image stabilizer type	Optical Image Stabilization (OIS)	App distribution platform	Apple App Store
Geotagging	✓	Virtual assistant	Apple Siri
Night mode	✓	Apple Intelligence	✓
Photonic Engine	✓	Windows operating systems supported	✓
Deep Fusion	✓		
Portrait Lighting	✓		
QuickTake video	✓		

Camera		Software	
Stereo recording	✓	Mac operating systems supported	✓
Camera button controls	Cameras, Depth, Exposure, Styles, Tone, Zoom	Battery	
Panorama	✓	Battery technology	Lithium-Ion (Li-Ion)
Portrait mode	✓	Number of batteries	1
Macro photography	✓	Battery charge limit *	✓
Continuous shooting mode	✓	Battery endurance in cycles *	1000
Spatial photos	✓	Battery capacity *	5391 mAh
Wind noise reduction	✓	Continuous video playback time (max)	43 h
Macro video recording	✓	Continuous video playback time (streamed) (max)	38 h
Audio mix	✓	Rechargeable battery	✓
Slow motion mode	✓	Sensors	
Slow motion rate	1080p 240 fps; 4K 120 fps	Proximity sensor	✓
Camera image formats supported	DNG, HEIF, JPEG	Accelerometer	✓
Camera video formats supported	H.264, HEVC, ProRes	Ambient light sensor	✓
Audio zoom	✓	Gyroscope	✓
Playback zoom	✓	Barometer	✓
Academy Color Encoding System	✓	Magnetic sensor	✓
Genlock	✓	LiDAR sensor	✓
Network		Power	
SIM card capability *	Dual SIM	USB Type-C charging port *	✓
Mobile network generation *	5G	USB Power Delivery (USB PD)	✓
SIM card type *	NanoSIM + eSIM	USB Type-C required charging power (min) *	4.5 W
Wireless networking chip	Apple N1	USB Type-C required charging power (max) *	54 W
Modem chipset	Apple C2	Endurance	
3G standards *	DC-HSDPA, HSPA+	Energy efficiency class *	A
4G standard *	LTE-TDD & LTE-FDD	Energy efficiency scale	A to G
5G standard *	NR, NR mmWave, Sub6	Battery endurance per cycle *	3720 min
Voice over LTE (VoLTE) supported	✓	Repeated free fall reliability class *	B
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Repairability class *	C
Wi-Fi	✓	International Protection (IP) code *	IP68
Wi-Fi standards	Wi-Fi 7 (802.11be)	Weight & dimensions	
Bluetooth *	✓	Width	78 mm
		Depth	8.75 mm
		Height	163.4 mm
		Weight *	249 g
		Packaging data	
		Package width	96 mm
		Package depth	182 mm
		Package height	29 mm
		Package weight	420 g
		Packaging content	
		AC adapter included *	✗
		Cables included	USB Type-C
		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
		Other features	
		Ringer type	MP3



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