

iPhone 17 Pro Max 512GB Deep Blue (MFYU4QN/A)

Apple iPhone 17 Pro Max - 5G smartphone - dual-SIM / Internal Memory 512 GB - OLED display - 6.9" - 2868 x 1320 pixels (120 Hz) - 3x rear cameras 48 MP, 48 MP, 48 MP - front camera 18 Megapixel - deep blue



The Apple iPhone 17 Pro Max incorporates technology to elevate digital experiences. With a 6.9-inch OLED display featuring Super Retina XDR and ProMotion technology, it offers visuals with detail and color accuracy. The device is powered by the A19 Pro processor, ensuring operation and responsiveness for demanding applications or multimedia. Capture photos and videos with a camera system that includes three 48-megapixel lenses, optimized for various shooting conditions, and integrated features such as ProRes recording and Cinematic mode. The Apple iPhone 17 Pro Max focuses on connectivity and usability. Its battery and wireless charging with Apple MagSafe, while the 5G capability allows for data speeds and reliable connectivity. Enhanced navigation features, including GPS and a range of satellite systems, come standard, and the device supports electronic SIM cards for ease of use anywhere. With layers of security, including Face ID and waterproofing, this smartphone is engineered for convenience and reliability in everyday use.

Key Selling Points

- 6.9-inch OLED display with Super Retina XDR for vibrant visuals
- A19 Pro processor for performance and efficiency
- Camera system with three 48-megapixel lenses for imaging
- 5G connectivity for data speeds
- Battery life with fast and wireless charging capabilities

Product Features

- Stunning display**
The 6.9-inch OLED display features Super Retina XDR and ProMotion technology, providing colors, deep blacks, and exceptional contrast. With a maximum brightness of 3000 nits, it offers visibility in various lighting conditions.
- Impressive camera system**
Equipped with a triple-camera layout featuring three 48-megapixel lenses, including a telephoto, ultra-wide, and wide lens, this smartphone excels in capturing photos and 4K videos with features like Cinematic mode and ProRes recording.
- Powerful performance**
The smartphone is powered by Apple's A19 Pro chip, which includes a 6-core architecture that enhances performance for multitasking and demanding applications, ensuring a smooth user experience.
- Robust connectivity options**
With support for 5G networks, Wi-Fi 7, and Bluetooth 6.0, users can enjoy connectivity. The device also features dual SIM support with e-SIM for communication options.
- Efficient battery life**
The lithium-ion battery provides usage times and supports fast and wireless charging via Apple MagSafe, enabling efficient recharging.

Main specifications

Product Description	Apple iPhone 17 Pro Max - deep blue - 5G smartphone - 512 GB - GSM
Product Type	5G smartphone
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2402618
Energy Class	Class A
Manufacturer Model Number	A3526
Display	OLED display - 2868 x 1320 pixels - 6.9" - 460 ppi - (120 Hz) - Super Retina XDR Display with ProMotion - HDR - fingerprint-resistant oleophobic coating, Ceramic Shield 2, anti-reflective coating
Processor	Apple A19 Pro (6-core)
Neural Processor Unit (NPU)	Apple 16-core Neural Engine
Memory	512 GB
Operating System	iOS 26
Apple Intelligence	Yes
Main Camera	48 Megapixel 24 mm - f/1.78 - focus: automatic
Second Camera	48 Megapixel - fusion ultra wide-angle lens 13 mm - f/2.2
Third Camera	48 Megapixel - fusion telephoto lens - 4x optical zoom - 100 mm - f/2.8
Front Camera	18 Megapixel f/1.9 - automatic
Service Provider	Not specified
SIM Card	Dual-SIM - nano SIM, Electronic SIM card (e-SIM)

Wireless Interface	NFC, UWB, IEEE 802.11be, Bluetooth
Security Devices	Face recognition
Connectors	USB-C
Wireless Charging Standards	Qi2
Protection	Water-resistant, splash-resistant, dust-resistant
Colour	Deep blue
Dimensions (WxDxH)	78 mm x 8.75 mm x 163.4 mm
Weight	231 g
Carbon Footprint	77 kg carbon emissions
Specific Absorption Rate (SAR)	1.49 W/kg (head) † 1.49 W/kg (body)
Manufacturer Warranty	1-year warranty

Extended specification

General

Product Type	Smartphone
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2402618
Energy Class	Class A
Manufacturer Model Number	A3526
Form Factor	Touch
Protection	Water-resistant, splash-resistant, dust-resistant
Width	78 mm
Depth	8.75 mm
Height	163.4 mm
Weight	231 g
Body Colour	Deep blue
Body Material	Heat-forged aluminium, Ceramic Shield

Memory

Internal Memory Capacity	512 GB
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Manufacturer Warranty

Service & Support	Limited warranty - 1 year † Technical support - consulting - 90 days
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Processor

Type	Apple A19 Pro
Performance Cores	2
Efficient Cores	4
Processor Core Qty	6-core

Miscellaneous

Ingress Protection Rating	IP68
Repeated Free Fall Reliability Class	Class B
Compliant Standards	IEC 60529 IP68, HAC (Hearing Aid Compatible)
Included Accessories	USB-C to USB-C cable (1 m)

Environmental Parameters

Max Depth of Water Resistance	6 m
Min Operating Temperature	0 °C

Max Operating Temperature	35 °C
Humidity Range Operating	5 - 95% (non-condensing)

Display

Type	OLED display
Technology	Super Retina XDR Display with ProMotion
Diagonal Size	6.9"
Display Resolution	2868 x 1320 pixels
Pixel Density	460 ppi
Max Brightness	3000 cd/m²
HDR	Yes
HDR Technology	HDR10
Enhancement Technology	Dolby Vision
Refresh Rate	120 Hz
Contrast Ratio	2000000:1
Protection	Fingerprint-resistant oleophobic coating, Ceramic Shield 2, anti-reflective coating
Display Languages	Danish, Hindi, Hebrew, Hungarian, Czech, Croatian, Indonesian, Thai, Slovak, Chinese (traditional), Chinese (simplified), Vietnamese, Ukrainian, Brazilian Portuguese, German, French, Italian, Norwegian, Portuguese, Polish, Finnish, Swedish, Russian, Spanish, Dutch, Greek, Turkish, Arabic, Bulgarian, Romanian, Catalan, Japanese, Korean, Kazakh, Malay, UK English, Australian English, French Canadian, English (United States), Spanish (Latin American), Chinese (Traditional, Hong Kong)
Features	Always-on display, True Tone display, Wide colour display (P3), Haptic touch, Hybrid Log-Gamma (HLG), Dynamic Island, 1600 nits max brightness (HDR), 3000 nits max brightness (outdoor), 1 nit minimum brightness

Battery

Technology	Lithium Ion
Fast Charging Technology	Apple MagSafe wireless charging
Wireless Charging	Yes
Wireless Charging Standards	Qi2
Battery Endurance per Cycle	3180 min
Battery Endurance in Cycles	1000
Run Time Details	Playback (video): up to 37 hrs ¦ Playback (streamed video): up to 33 hrs

Communications

Data Transmission	EDGE, HSPA+, DC-HSDPA, VoLTE, FDD-LTE, TDD-LTE, Gigabit LTE, 5G NR FR1
2G Band	850 GSM, 900 GSM, 1800 GSM, 1900 GSM
3G UMTS Band	Band 1, Band 2, Band 5, Band 8, Band 10
3G UMTS Frequency	2100, 1900, 850, 900, 1700 EAWS
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 30, Band 32, Band 34, Band 38, Band 39, Band 40, Band 41, Band 42, Band 48, Band 66, Band 53
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 2300 WCS, FDD 1500 L, TDD 2000, FDD 2600, TDD 1900, TDD 2300, TDD 2500, TDD 3500, TDD 3600, FDD 1700 - 2110 AWS-3, Band 53
5G NR Band	N1, n2, n3, n5, n7, n8, n20, n28, n38, n41, n66, n70, n75, n77, n78, n79, n40, n25, n12, n48, n26, n30, n53
5G NR Frequency	FDD 2100, FDD 1900PCS, FDD 1800, FDD 850, FDD 2600, FDD 900, FDD 800, FDD 700APT, TDD TD 2600, TDD TD 2500, FDD AWS-3, FDD AWS-4, SDL DL 1500+, TDD TD 3700, TDD TD 3500, TDD TD 4500, TDD 2300, FDD 1900, n12, TDD 3500, FDD 850, FDD 2300, n53
Wireless Interface	NFC, Ultra-Wideband (UWB), IEEE 802.11be, Bluetooth 6.0

Connections

Connector Type	USB Type-C - 24 pin USB-C
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Phone Features

Sensors	Proximity sensor, digital compass, barometer, magnetometer, LiDAR scanner, dual ambient light sensor, high-g accelerometer, gyroscope with high dynamic range
Security Devices	Face recognition
Security Technology	Face ID
Additional Features	MIMO technology, Wi-Fi Calling, iBeacon microlocation, Apple TV support (2nd or later), Fast Charging, FaceTime audio, Apple MagSafe, Express Transit cards with power reserve, 4K HDR AirPlay Mirroring, FaceTime HD (1080p), Voice isolation, Wide Spectrum microphone mode, Screen sharing, Portrait mode in FaceTime video, Optical zoom with rear-facing camera, Vapour Chamber cooling technology, DisplayPort over USB Type-C, FaceTime call with SharePlay, Crash Detection, magnet array, alignment magnet, accessory identification NFC, Emergency SOS via satellite, Roadside Assistance via satellite, thread networking technology, action button, hardware-accelerated ray tracing, second-generation Ultra Wideband chip, Find My via satellite, four studio-quality mics, Writing Tools, Neural Accelerators, Live Translation, Genmoji, Apple N1 wireless networking chip

Cellular

Technology	WCDMA (UMTS) / GSM
Mobile Broadband Generation	5G
Service Provider	Not specified
Operating System	iOS 26
Intelligent Assistant	Siri
Apple Intelligence	Yes
Navigation	GPS, GLONASS, BeiDou, Galileo, QZSS, NavIC
SIM Card Type	Nano SIM, Electronic SIM card (e-SIM)
SIM Card Qty	Dual-SIM
Payment Technology	Apple Pay
Input Device	Multi-touch

Media Player

Supported Digital Audio Standards	AAC, MP3, FLAC, Apple Lossless, Dolby Atmos, Dolby Digital, Dolby Digital Plus, APAC
Supported Digital Video Standards	H.264, HEVC, AV1, ProRes
Video Enhancements	HDR with Dolby Vision, HDR10, Hybrid Log-Gamma (HLG)
Sound Enhancements	Dolby Digital Plus sound, Dolby Atmos sound technology, Dolby Digital sound, Spatial audio

Front Camera

Sensor Resolution	18 Megapixel
Lens Aperture	F/1.9
Focus Adjustment	Automatic
HDR Mode	Smart HDR 5
Special Effects	Photographic Styles
Face Detection	Face recognition
Camera Modes	Burst mode, slow motion video, Time-lapse mode, night mode, portrait mode, Live Photos, Portrait Lighting, wide colour capture for photos and Live Photos, Time Lapse (Night mode), Apple ProRAW, Centre Stage, log video recording, Portrait Lighting with six effects, Apple Prores RAW, Ultra-stabilised video
Video Resolutions	1920 x 1080 (1080p) at 30 fps, 1920 x 1080 (1080p) at 60 fps, Slo-mo video 1920 x 1080 (1080p) at 120 fps, 3840 x 2160 (4K) at 30 fps, 3840 x 2160 (4K) at 60 fps, 3840 x 2160 (4K) at 24 fps, 1920 x 1080 (1080p) at 25 fps, 3840 x 2160 (4K) at 25 fps
Light Source	Retina Flash
Features	Auto image stabilisation, Animoji, Memoji, TrueDepth camera, Cinematic video stabilisation, Time-lapse video with stabilisation, Lens correction, Deep Fusion, Dual Capture Video, Autofocus with Focus Pixels, Photonic Engine, Academy Colour Encoding System, Cinematic mode up to 4K Dolby Vision at 30 fps, 4K Dolby Vision video recording up to 60 fps, 1080p Dolby Vision video recording up to 60 fps, ProRes video recording up to 4K at 60 fps with external recording, Spatial Audio and stereo recording, QuickTake video up to 4K at 60 fps in Dolby Vision, Wind noise reduction, Audio Mix, Focus Pixels, tap to zoom and rotate, next-generation portrait focus and depth control, Apple Log 2

Main Camera

Sensor Resolution	48 Megapixel
Optical Image Stabiliser	Sensor-shift OIS second-generation (Optical Image Stabilisation)
Lens Aperture	F/1.78
Min Focal Length	24 mm
Pixel Size	1.22 μm
Focus Adjustment	Automatic
Digital Zoom	40x
Special Effects	Photographic Styles
Camera Modes	Burst mode, slow motion video, Panorama, Time-lapse mode, night mode, portrait mode, Live Photos, Portrait Lighting, wide colour capture for photos and Live Photos, Cinema mode, Macro video, Macro mode, Time Lapse (Night mode), Apple ProRAW, spatial video, log video recording, Portrait Lighting with six effects, Apple Prores RAW
Face Detection	Face recognition
HDR Mode	Smart HDR 5
Light Source	Adaptive True Tone LED flash
Video Resolutions	1920 x 1080 (1080p) at 30 fps, 1920 x 1080 (1080p) at 60 fps, 1280 x 720 (720p) at 30 fps, Slo-mo video 1920 x 1080 (1080p) at 120 fps, 3840 x 2160 (4K) at 30 fps, 3840 x 2160 (4K) at 60 fps, 1920 x 1080 (1080p) at 120 fps, 3840 x 2160 (4K) at 24 fps, 1920 x 1080 (1080p) at 25 fps, Slo-mo video 1920 x 1080 (1080p) at 240 fps, 3840 x 2160 (4K) at 25 fps, Slo-mo video 3840 x 2160 (4K) at 120 fps, 3840 x 2160 (4K) at 120 fps, 3840 x 2160 (4K) at 100 fps
Features	Sapphire crystal lens cover, Cinematic video stabilisation, Cinematic video stabilisation, Playback zoom, geotagging, Continuous autofocus video, 8MP still photos recording 4K video, Time-lapse video with stabilisation, Advanced red-eye correction, Panorama (up to 63MP), HEIF image capture, Audio zoom, 100% Focus Pixels, HEVC (High Efficiency Video coding), Deep Fusion, 2x optical zoom out, JPEG image capture, Cinematic mode up to 4K HDR at 30 fps, Action mode up to 2.8K at 60 fps, Photonic Engine, AVC (H.264), Wind noise reduction, customisable default lens, Academy Colour Encoding System, DNG image capture, 48MP macro photography, 4K Dolby Vision video recording up to 120 fps, 1080p Dolby Vision video recording up to 120 fps, 720p Dolby Vision video recording at 30 fps, Spatial video recording at 1080p at 30 fps, ProRes video recording up to 4K at 120 fps with external recording, QuickTake video up to 4K at 60 fps in Dolby Vision, Spatial Audio and stereo recording, Audio Mix, Camera Control, Spatial photos, Pro Fusion camera system, 8x optical quality zoom in, 16x optical quality zoom range, next-generation portrait focus and depth control, Apple Log 2, Genlock support, Quad Pixel technology for 2.44 μm , Dual Capture up to 4K Dolby Vision at 30 fps, Cinematic mode up to 4K Dolby Vision at 30 fps

Second Camera

Sensor Resolution	48 Megapixel
Lens Type	Fusion ultra wide-angle lens
Lens Aperture	F/2.2
Min Focal Length	13 mm
Field of View (FoV)	120 degree(s)
Pixel Size	0.7 μm
Features	Lens correction, Hybrid Focus Pixels, Quad Pixel technology for 1.4 μm

Third Camera

Sensor Resolution	48 Megapixel
Optical Zoom	4x
Optical Image Stabiliser	3D sensor-shift optical image stabilisation (OIS)
Lens Type	Fusion telephoto lens
Lens Aperture	F/2.8
Min Focal Length	100 mm
Features	Tetraprism design, Quad Pixel technology for 1.4 μm , Hybrid Focus Pixels

Sustainability Information

Repairability Class	Class C
EPEAT Compliant	Yes

<i>EPEAT Level</i>	<i>EPEAT Gold</i>
<i>Carbon Footprint</i>	<i>77 kg carbon emissions</i>
<i>Product Recycled Content</i>	<i>30 % - recycled or renewable content</i>
<i>Packaging Recycled Content</i>	<i>100 % - recycled and/or responsibly sourced wood fibres</i>

Neural Processor Unit (NPU)

<i>Artificial Intelligence Processor Family</i>	<i>Apple</i>
<i>Artificial Intelligence Processor Model</i>	<i>16-core Neural Engine</i>

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