

iPhone 12 Pro Max 512GB Silver



Not in stock

SKU	MGDH3QN/A
Product Description:	Apple iPhone 12 Pro Max - silver - 5G smartphone - 512 GB - CDMA / GSM
Product Type:	5G smartphone
Manufacturer Model Number:	A2411
Display:	OLED display - 2778 x 1284 pixels - 6.7" - 458 ppi - Super Retina XDR Display - HDR - fingerprint-resistant oleophobic coating, Ceramic Shield
Processor:	Apple A14 Bionic (6-core)
Memory:	512 GB
Operating System:	iOS 14

General

Product Type:	Smartphone
Manufacturer Model Number:	A2411
Form Factor:	Touch
Protection:	Dustproof, splashproof, waterproof
Width:	78.1 mm
Depth:	7.4 mm
Height:	160.8 mm
Weight:	226 g
Body Colour:	Silver
Body Material:	Surgical-grade stainless steel, textured matt glass
SAR Value:	0.99 W/kg (body), 0.99 W/kg (head), 3.85 W/kg (limb)

Cellular

Technology:	CDMA2000 1X / GSM / WCDMA (UMTS)
Mobile Broadband Generation:	5G
Service Provider:	Not specified

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)

Manufacturer Warranty

Service & Support:	Limited warranty - 1 year Technical support - consulting - 90 days
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Miscellaneous

Compliant Standards:	IEC 60529 IP68, HAC (Hearing Aid Compatible)
Included Accessories:	Lightning to USB-C cable

Battery

Technology:	Lithium Ion
Fast Charging Technology:	Apple fast charging technology, Apple MagSafe wireless charging
Wireless Charging:	Yes

Cellular

Operating System:	iOS 14
Intelligent Assistant:	Siri
Navigation:	GPS, GLONASS, BeiDou, Galileo, QZSS
SIM Card Type:	Nano SIM, Electronic SIM card (e-SIM)
SIM Card Qty:	Dual-SIM
Payment Technology:	Apple Pay
Input Device:	Multi-touch, capacitive

Communications

Data Transmission:	EDGE, EV-DO, HSPA+, DC-HSDPA, VoLTE, FDD-LTE, TDD-LTE, VoWiFi, Gigabit LTE, LAA, 5G NR FR1
2G Band:	850 GSM, 900 GSM, 1800 GSM, 1900 GSM, 800 CDMA2000 1X, 1900 CDMA2000 1X
3G UMTS Band:	Band 1, Band 5, Band 8, Band 10, Band 25
3G UMTS Frequency:	2100, 850, 900, 1700 EAWS, 1900
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 46, Band 48, 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 2300 WCS, FDD 1500 L, TDD 2000, TDD 2600, TDD 1900, TDD 2300, TDD 2500, TDD 3500, TDD 5150, TDD 3600, FDD 1700 - 2110 AWS-3
5G NR Band:	N1, n2, n3, n5, n7, n8, n20, n28, n38, n41, n66, n77, n78, n79, n40, n25, n12
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, TDD TD 3700, TDD TD 3500, TDD TD 4500, TDD 2300, FDD 1900, n12

Battery

Wireless Charging Standards:	Qi
Run Time Details:	Playback (video): up to 20 hrs Playback (streamed video): up to 12 hrs Playback (audio): up to 80 hrs

Connections

Connector Type:	Lightning
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Display

Type:	OLED display
Technology:	Super Retina XDR Display
Diagonal Size:	6.7"
Display Resolution:	2778 x 1284 pixels
Pixel Density:	458 ppi
Max Brightness:	800 cd/m²
HDR:	Yes
HDR Technology:	HDR10
Enhancement Technology:	Dolby Vision
Contrast Ratio:	2000000:1
Protection:	Fingerprint-resistant oleophobic coating, Ceramic Shield

Communications

Wireless Interface: NFC, Bluetooth 5.0, IEEE 802.11ax, Ultra-Wideband (UWB)

Phone Features

Phone Functions: Speakerphone, voice control, call timer, conference call, flight mode, voice dialing, vibrating alert

Sensors: Accelerometer, ambient light sensor, proximity sensor, 3-axis gyro sensor, digital compass, barometer, LiDAR scanner

Security Devices: Face recognition

Security Technology: Face ID

Additional Features: AirDrop function, Audio zoom function, MIMO technology, Wi-Fi Calling, iBeacon microlocation, QuickType keyboard, Night Shift, Apple TV support (2nd or later), Raise to wake, Next-generation Neural Engine, Express Transit cards with power reserve, 4K HDR AirPlay Mirroring, FaceTime HD (1080p), RTT/TTY compatible

Media Player

Supported Digital Audio Standards: Audible, MP3, FLAC, Apple Lossless, AC-3, AAC-LC, LPCM, HE-AAC, Audible AAX, Audible AAX+, protected AAC, EAC3, HE-AAC v2

Supported Digital Video Standards: M-JPEG, H.264, HEVC, MPEG-4 Part 2, HEIF

Sound Enhancements: Dolby Digital Plus sound, Dolby Atmos sound technology, Dolby Digital sound

Processor

Type: Apple A14 Bionic

Processor Core Qty: 6-core

Memory

Internal Memory Capacity: 512 GB

Display

Display Languages: Danish, Hindi, Hebrew, Hungarian, Czech, Croatian, Indonesian, Thai, Slovak, Chinese (traditional), Chinese (simplified), Vietnamese, Ukrainian, Brazilian Portuguese, English, German, French, Italian, Norwegian, Portuguese, Polish, Finnish, Swedish, Russian, Spanish, Dutch, Greek, Turkish, Arabic, Romanian, Catalan, Japanese, Korean, Malay, UK English, US English, Australian English, French Canadian, Spanish (Latin American), Chinese (Traditional, Hong Kong), Spanish (Mexican)

Features: True Tone display, Wide colour display (P3), Haptic touch, Hybrid Log-Gamma (HLG), 1200 nits max brightness (HDR)

Third Camera

Sensor Resolution: 12 Megapixel

Optical Image Stabiliser: Optical Image Stabiliser (OIS)

Lens Type: Telephoto lens

Lens Aperture: F/2.2

Min Focal Length: 65 mm

Features: 6-piece lens, Focus Pixels

Second Camera

Sensor Resolution: 12 Megapixel

Lens Type: Ultra wide-angle lens

Lens Aperture: F/2.4

Min Focal Length: 13 mm

Lens Element Qty: 5-element

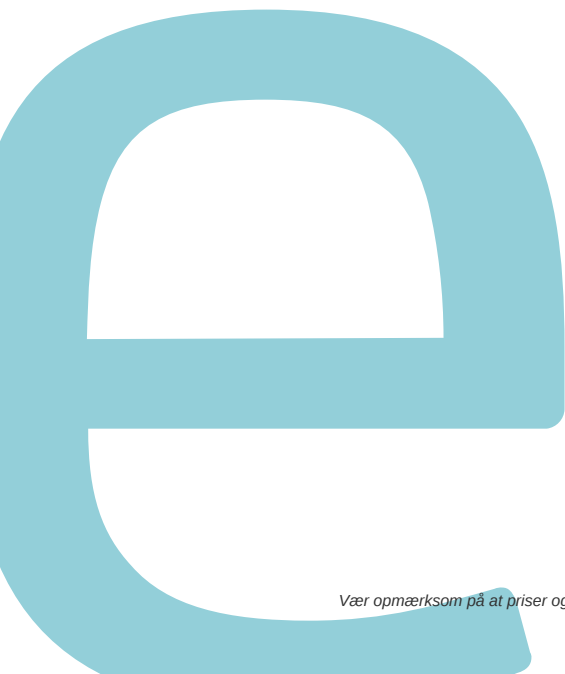
Field of View (FoV): 120 degree(s)

Features: 5-piece lens, Lens correction

Main Camera

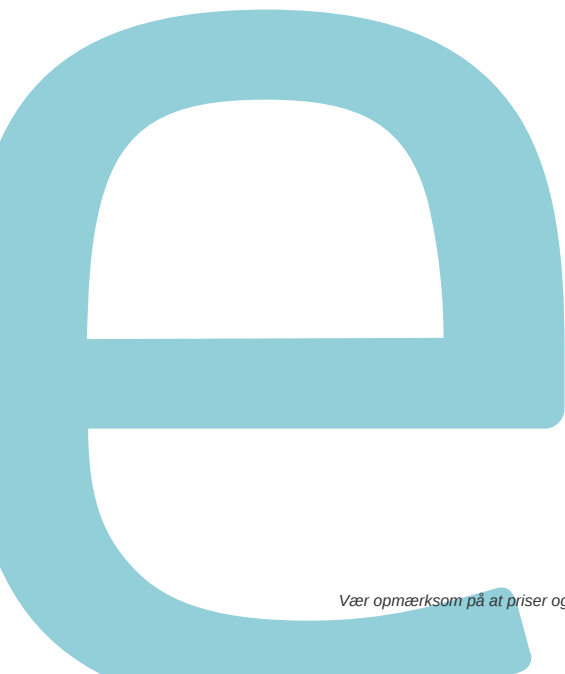
Sensor Resolution: 12 Megapixel

Optical Image Stabiliser: Sensor-shift OIS (Optical Image Stabilisation)



Main Camera

Lens Type:	Wide-angle lens
Lens Aperture:	F/1.6
Lens Construction:	7-element
Min Focal Length:	26 mm
Pixel Size:	1.7 µm
Focus Adjustment:	Automatic
Optical Zoom:	5x
Digital Zoom:	12x
Special Effects:	Natural, Studio, Contour, Stage, Stage Mono, High-Key Mono
Camera Modes:	Burst mode, Panorama, night mode, low-light shots, Live Photos, Portrait mode with advanced bokeh and Depth Control, Portrait Lighting, wide colour capture for photos and Live Photos, Time Lapse (Night mode), Apple ProRAW
Face Detection:	Face recognition
HDR Mode:	Smart HDR 3
Light Source:	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, 3840 x 2160 (4K) at 24 fps, Slo-mo video 1920 x 1080 (1080p) at 240 fps



Main Camera

Features:	Sapphire crystal lens cover, Cinematic video stabilisation, Cinematic video stabilisation, Playback zoom, geotagging, Stereo Recording, Continuous autofocus video, 8MP still photos recording 4K video, Time-lapse video with stabilisation, Slow Sync, Advanced red-eye correction, HEIF image capture, Audio zoom, 100% Focus Pixels, QuickTake video, Extended dynamic range for video at 60 fps, Deep Fusion, Dolby Vision HDR video recording up to 60 fps, Smart HDR 3 with Scene Detection, Sensor-shift optical image stabilisation for video, Digital zoom up to 7x for video

Front Camera

Sensor Resolution:	12 Megapixel
Lens Aperture:	f/2.2
HDR Mode:	Smart HDR 3
Special Effects:	Natural, Studio, Contour, Stage, Stage Mono, High-Key Mono
Face Detection:	Face recognition
Camera Modes:	Burst mode, Live Photos, Portrait mode with advanced bokeh and Depth Control, Portrait Lighting, wide colour capture for photos and Live Photos, Time Lapse (Night mode), Smart HDR 3 with Scene Detection
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
Light Source:	Retina Flash
Features:	Auto image stabilisation, Animoji, Memoji, TrueDepth camera, Cinematic video stabilisation, Extended dynamic range for video at 30 fps, QuickTake video, Time-lapse video with stabilisation, Lens correction, Deep Fusion, HDR video recording with Dolby Vision up to 30 fps