

Produktinformation



Apple iPhone 12 - Smartphone - dual-SIM - 5G NR - 128 GB - CDMA / GSM - 6.1" - 2532 x 1170 pixels (460 ppi) - Super Retina XDR Display (12 MP front camera) - 2x rear cameras - blue

Information



<i>Tillverkare</i>	Apple
<i>Artnr</i>	MGJE3QN/A

5G speed. A14 Bionic, the fastest chip in a smartphone. An edge-to-edge OLED display. Ceramic Shield with four times better drop performance. And Night mode on every camera. iPhone 12 has it all.

Specifikation

General

Product Type	Smartphone
Manufacturer Model Number	A2403
Form Factor	Touch
Protection	Dustproof, splashproof, waterproof
Width	71.5 mm
Depth	7.4 mm
Height	146.7 mm
Weight	164 g
Body Colour	Blue
Body Material	Glass, aerospace-grade aluminium
SAR Value	0.99 W/kg (body), 0.98 W/kg (head), 3.8 W/kg (limb)

Cellular

Technology	CDMA2000 1X / GSM / WCDMA (UMTS)
Mobile Broadband Generation	5G
Service Provider	Not specified
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	GSM 850/900/1800/1900 / CDMA2000 1X 1900/800
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
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
Security Devices	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), AirPlay Mirroring, Next-generation Neural Engine, Apple MagSafe, 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
Video Enhancements	HDR with Dolby Vision, HDR10

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	128 GB
---------------------------------	--------

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, night mode, Live Photos, Portrait mode with advanced bokeh and Depth Control, Portrait Lighting, Time Lapse (Night mode)
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, wide colour capture for photos and Live Photos, Extended dynamic range for video at 30 fps, QuickTake video, Time-lapse video with stabilisation, Lens correction, Deep Fusion, Dolby Vision HDR video recording up to 30 fps

Rear Camera

Sensor Resolution	12 Megapixel
Optical Image Stabiliser	Optical Image Stabiliser (OIS)
Lens Type	Wide-angle lens
Lens Aperture	F/1.6
Lens Construction	7-element
Focus Adjustment	Automatic
Optical Zoom	2
Digital Zoom	5
Special Effects	Natural, Studio, Contour, Stage, Stage Mono, High-Key Mono
Camera Modes	Burst mode, Panorama, night mode, Live Photos, Portrait mode with advanced bokeh and Depth Control, Portrait Lighting, Time Lapse (Night mode)
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
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, wide colour capture for photos and Live Photos, Advanced red-eye correction, Optical image stabilization for video, HEIF image capture, Audio zoom, 100% Focus Pixels, Digital zoom up to 3x for video, QuickTake video, HEVC (High Efficiency Video coding), Extended dynamic range for video at 60 fps, Deep Fusion, Dolby Vision HDR video recording up to 30 fps
Second Rear Camera	
Sensor Resolution	12 Megapixel
Lens Type	Ultra wide-angle lens
Lens Aperture	F/2.4
Field of View (FoV)	120 degree(s)
Features	5-piece lens, Lens correction
Display	
Type	OLED display
Technology	Super Retina XDR Display
Diagonal Size	6.1"
Display Resolution	2532 x 1170 pixels
Pixel Density	460 ppi
Max Brightness	625 cd/m²
HDR	Yes
Contrast Ratio	2000000:1
Protection	Fingerprint-resistant oleophobic coating, Ceramic Shield
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	Dolby Vision, HDR10, True Tone display, Edge-to-Edge screen, Wide colour display (P3), Haptic touch, Hybrid Log-Gamma (HLG), 1200 nits max brightness (HDR)
Connections	
Connector Type	Lightning
Battery	

Technology	Lithium Ion
Fast Charging Technology	Apple fast charging technology, Apple MagSafe wireless charging
Wireless Charging	Yes
Wireless Charging Standards	Qi
Run Time Details	Playback (video): up to 17 hrs Playback (wireless video): up to 11 hrs Playback (audio): up to 65 hrs

Miscellaneous

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

Manufacturer Warranty

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

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)