

iPhone 12 128GB Black



In Stock(170)

SKU	MGJA3QN/A
Product Description:	Apple iPhone 12 - black - 5G smartphone - 128 GB - CDMA / GSM
Product Type:	5G smartphone
Manufacturer Model Number:	A2403
Display:	OLED display - 2532 x 1170 pixels - 6.1" - 460 ppi - Super Retina XDR Display - HDR - fingerprint-resistant oleophobic coating, Ceramic Shield
Processor:	Apple A14 Bionic (6-core)
Memory:	128 GB
Operating System:	iOS 14

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:	Black
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

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)

Sustainability Information

Repairability Index:	6.6 (out of 10)
----------------------	-----------------

Manufacturer Warranty

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

Miscellaneous

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

Battery

Technology:	Lithium Ion
-------------	-------------

Cellular

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

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

Connections

Connector Type:	Lightning
-----------------	-----------

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
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

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), 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

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, Edge-to-Edge screen, Wide colour display (P3), Haptic touch, Hybrid Log-Gamma (HLG), 1200 nits max brightness (HDR)

Second Camera

Sensor Resolution: 12 Megapixel

Lens Type: Ultra wide-angle lens

Lens Aperture: F/2.4

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: Optical Image Stabiliser (OIS)

Lens Type: Wide-angle lens

Lens Aperture: F/1.6

Lens Construction: 7-element

Focus Adjustment: Automatic

Optical Zoom: 2x

Digital Zoom: 5x



Main Camera

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, wide colour capture for photos and Live Photos, 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, 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

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

Front Camera

Camera Modes:	Burst mode, night 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)
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, Dolby Vision HDR video recording up to 30 fps

