



MGJA3AA/A

iPhone 12 128GB Black, Model A2403

Brand: APPLE

EAN: 194252030998

Warranty: 12 month(s)

Technical Specification

Basic Information

Article	MGJA3AA/A
Vendor	APPLE
Series	iPhone 12
Product Type	iPhone

Display

Display Size	6.10"
Display Resolution	1170x2532
Brightness	625 cd/m ²
Image Contrast	2 000 000:1
Pixel Density	460 ppi
Display Technology	OLED
Display Touchscreen	Capacitive, Haptic Touch
Display Features	Fingerprint-resistant oleophobic coating, Support for display of multiple languages and characters simultaneously, Wide color display (P3), True Tone display, HDR, Super Retina XDR Display, 1200 nits max brightness (HDR), Ceramic Shield

Processor

CPU	Apple A14 Bionic
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Memory

Internal Memory Size	128 GB
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Camera

Camera Resolution	12 Mpixel + 12 Mpixel (Dual Cameras)
Video Record	3840x2160
Video Frame rate	24 fps, 30 fps, 60 fps, 120 fps, 240 fps

Camera Features

Panorama
Sapphire crystal lens cover
Auto image stabilization
Burst mode
Portrait mode with advanced bokeh and Depth Control
Wide color capture for photos and Live Photos
Advanced red-eye correction
Optical Image Stabilization for Video
Dual Cameras (Ultra Wide and Wide)
2x Optical Zoom Out; Digital Zoom Up to 5x
Portrait Lighting with Six Effects
Optical Image Stabilization (Wide)
5-element Lens (Ultra Wide)
100% Focus Pixels (Wide)
Night Mode
Photo Geotagging

2x Optical Zoom Out; Digital Zoom Up to 3x (Video)
Audio Zoom
QuickTake Video with Subject Tracking
Slo-mo Video
Cinematic Video Stabilization
Continuous Autofocus Video
Stereo Recording
Time-lapse Video with Stabilization
Playback Zoom
Animoji and Memoji
7-element Lens (Wide)
f/2.4 Aperture (Ultra Wide)
f/1.6 Aperture (Wide)
f/2.2 Aperture (TrueDepth)
Deep Fusion
Smart HDR 3 with Scene Detection
Lens Correction (Ultra Wide)
HDR Video Recording with Dolby Vision
Night Mode Time-lapse

Flash

True Tone Flash with Slow Sync

Front Camera

12 Mpixel

Front Flash

Retina Flash

Interfaces

Bluetooth

Bluetooth 5.0

Wi-Fi

IEEE 802.11ax Wi-Fi 6

Data Interface

Lightning

NFC

Yes

Network

Bands

GSM (850, 900, 1800, 1900 MHz), TD-LTE (Bands 34, 38, 39, 40, 41, 42, 46, 48), UMTS (850, 900, 1700/2100, 1900, 2100 MHz), FDD-LTE (Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 18, 19, 20, 25, 26, 28, 30, 32, 66), HSPA+ (850, 900, 1700/2100, 1900, 2100 MHz), DC-HSDPA (850, 900, 1700/2100, 1900, 2100 MHz), 5G NR (Bands n1, n2, n3, n5, n7, n8, n12, n20, n25,

n28, n38, n40, n41, n66, n77, n78, n79)

Protocols

EDGE, GSM, UMTS, HSPA+, DC-HSDPA, FDD-LTE, TD-LTE, 5G

GPS

GPS, GLONASS, iBeacon, Digital compass, BeiDou, Galileo, QZSS, Wi-Fi, Cellular

Battery

Battery Technology

Lithium Ion

Video Playback Time

17 h

Audio Playback Time

65 Hours

Miscellaneous

Construction

Monoblock

Material

Glass, Aluminium

External Color

Black

SIM Card

Dual Sim

SIM Card Type

Nano-SIM + eSIM

Sensors

Ambient Light Sensor, Proximity Sensor, Accelerometer, Barometer, Magnetometer, Face ID, Three-Axis Gyro

Features

Fast-charge
Dolby Vision and HDR10 content Supports
AirPlay
Video out support via Adapters (sold separately)
Wireless charging (works with Qi chargers)
Thirdgeneration Neural Engine
Apple Pay
Ultra Wideband Chip for Spatial Awareness
Express Cards with Power Reserve
Express Cards with Power Reserve
FaceTime Video
FaceTime Audio
M3, T4 Hearing Aids Support
MagSafe Accessories support

Included Accessories

iPhone, Documentation, USB-C to Lightning Cable

Software

Platform

iOS

Operating System Version

iOS 17

Voice Assistant

Installed Voice Assistant

Siri

Voice Assistant Languages

Danish, Dutch, English, Finnish, French, German,

Italian, Japanese, Russian, Spanish, Swedish, Turkish, Norwegian, Brazil Portuguese, Mandarin Chinese, Cantonese, Arabic, Hebrew, Malay, Thai

Voice Assistant Features

Send messages, set reminders, and more by voice command
Voice activation
Music control
Siri Shortcuts show up right on your Lock screen
Add Shortcuts to the frequently used apps
Machine learning

Multimedia

Supported Audio Formats

MP3, FLAC, HE-AAC, Apple Lossless, Audible, AC-3, Audio Playback, Protected AAC, AAC-LC, Linear PCM, AAX, AAX+, HE-AAC v2, EAC3, Dolby Atmos

Supported Picture Formats

GIF, JPG, TIFF

Supported Video Formats

MPEG-4, M-JPEG, H.264, HEVC

Supported Documents Formats

DOC, PDF, TXT, DOCX, PPT, PPTX, RTF, XLS, XLSX, HTM, HTML, KEY, NUMBERS, PAGES, VCF, ZIP, ICS, USDZ

Dimensions & Weight Device

Height	146.7 mm
Width	71.5 mm
Depth	7.4 mm
Weight	0.164 kg

Environment

Maximum Operating Ambient Temperature	35 °C
Maximum Non-Operating Ambient Temperature	45 °C
Minimum Operating Ambient Temperature	0 °C
Minimum Non-Operating Ambient Temperature	-20 °C
Submersion Tightness	6 m
Submersion Time	0.5 hr
Max. Altitude Operating	3000 m

Warranty

Warranty Products Returnable	Yes
Warranty Term (month)	12 month(s)
Warranty Validation Criteria	Serial Number

Logistic

Pack Weight Brutto (kg)	0.36 kg
Pack Weight Netto (kg)	0.2 kg
Pieces in pack	1
Box Weight Brutto (kg)	0.36 kg
Retail Packaging Net Weight Carton	0 kg
Retail Packaging Net Weight Plastic	0 kg
Packs in Box	1
Package Type	Retail
EAN Code	194252030998

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