

# iPhone 11 128GB Black



Not in stock

SKU	MHDH3QN/A
Product Description:	Apple iPhone 11 - black - 4G smartphone - 128 GB - GSM
Product Type:	4G smartphone
Manufacturer Model Number:	A2221
Display:	LCD display - 1792 x 828 pixels - 6.1" - 326 ppi - Liquid Retina HD display - HDR - fingerprint-resistant oleophobic coating
Processor:	Apple A13 Bionic (6-core)
Memory:	128 GB
Operating System:	iOS 13

## General

Product Type:	Smartphone
Manufacturer Model Number:	A2221
Form Factor:	Touch
Protection:	Dustproof, splashproof, waterproof
Width:	75.7 mm
Depth:	8.3 mm
Height:	150.9 mm
Weight:	194 g
Body Colour:	Black
SAR Value:	0.99 W/kg (body), 0.95 W/kg (head)

## Cellular

Technology:	WCDMA (UMTS) / GSM
Mobile Broadband Generation:	4G
Service Provider:	Not specified
Operating System:	iOS 13
Intelligent Assistant:	Siri
Navigation:	GPS, GLONASS

## Environmental Parameters

Max Depth of Water Resistance:	2 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
Wireless Charging:	Yes

## Cellular

**SIM Card Type:** Nano SIM, Electronic SIM card (e-SIM)

**SIM Card Qty:** Dual-SIM

**Payment Technology:** Apple Pay

**Input Device:** Multi-touch

## Communications

**Data Transmission:** GPRS, EDGE, HSDPA, HSUPA, HSPA+, LTE, DC-HSDPA, LTE Advanced, VoLTE, FDD-LTE, TDD-LTE, VoWiFi, Gigabit LTE, LAA

**2G Band:** 850 GSM, 900 GSM, 1800 GSM, 1900 GSM

**4G LTE Band:** Band 1, Band 2, Band 3, Band 4, Band 5, Band 7, Band 8, Band 11, Band 12, Band 13, Band 17, Band 18, Band 19, Band 20, Band 21, Band 25, Band 26, Band 28, Band 29, 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 1500, FDD 700a, FDD 700c, FDD 700b, FDD 800 lower, FDD 800 upper, FDD 800 DD, FDD 1500 upper, FDD 1900+, FDD 850+, FDD 700 APT, FDD 700d, 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

**Wireless Interface:** NFC, Bluetooth 5.0, IEEE 802.11ax

## 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

## Battery

**Wireless Charging Standards:** Qi

**Run Time Details:** Playback (video): up to 17 hrs ; Playback (wireless video): up to 10 hrs ; Playback (audio): up to 65 hrs

## Connections

**Connector Type:** Lightning

## Display

**Type:** LCD display

**Technology:** Liquid Retina HD display

**Diagonal Size:** 6.1"

**Display Resolution:** 1792 x 828 pixels

**Pixel Density:** 326 ppi

**Max Brightness:** 625 cd/m<sup>2</sup>

**HDR:** Yes

**HDR Technology:** HDR10

**Enhancement Technology:** Dolby Vision

**Contrast Ratio:** 1400:1

**Protection:** Fingerprint-resistant oleophobic coating

**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

**Features:** True Tone display, Wide colour display (P3), Haptic touch

## Phone Features

<b>Additional Features:</b>	TTY compatible, FaceTime, iCloud Photo Sharing, MIMO technology, Wi-Fi Calling, iBeacon microlocation, QuickType keyboard, Apple TV support (2nd or later), Neural Engine, AirPlay Mirroring
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## Media Player

<b>Supported Digital Audio Standards:</b>	Audible, MP3, FLAC, Apple Lossless, AC-3, AAC-LC, LPCM, HE-AAC, Audible AAX, Audible AAX+, protected AAC, EAC3, HE-AAC v2
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<b>Supported Digital Video Standards:</b>	M-JPEG, H.264, HEVC, MPEG-4 Part 2, HEIF
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<b>Sound Enhancements:</b>	Dolby Digital Plus sound, Dolby Digital sound
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## Processor

<b>Type:</b>	Apple A13 Bionic
<b>Processor Core Qty:</b>	6-core

## Memory

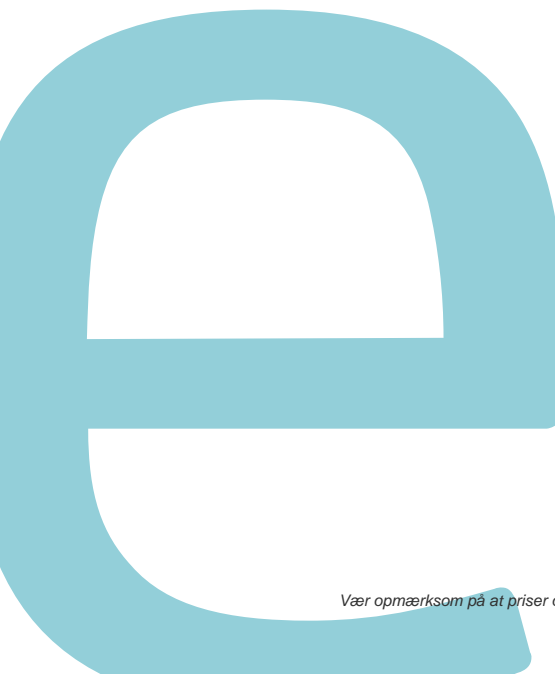
<b>Internal Memory Capacity:</b>	128 GB
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## Second Camera

<b>Sensor Resolution:</b>	12 Megapixel
<b>Lens Type:</b>	Ultra wide-angle lens
<b>Lens Aperture:</b>	F/2.4
<b>Lens Element Qty:</b>	5-element
<b>Field of View (FoV):</b>	120 degree(s)
<b>Features:</b>	5-piece lens

## Main Camera

<b>Sensor Resolution:</b>	12 Megapixel
<b>Optical Image Stabiliser:</b>	Optical Image Stabiliser (OIS)
<b>Lens Type:</b>	Wide-angle lens
<b>Lens Aperture:</b>	F/1.8
<b>Lens Construction:</b>	6-element
<b>Focus Adjustment:</b>	Automatic
<b>Optical Zoom:</b>	2x
<b>Digital Zoom:</b>	5x
<b>Special Effects:</b>	Natural, High Key, Studio, Contour, Stage, Stage Mono
<b>Camera Modes:</b>	Burst mode, Panorama, Time-lapse mode, Timer mode, tap to focus, portrait mode, Live Photos, Live Photos with stabilisation, Portrait mode with advanced bokeh and Depth Control, Portrait Lighting, wide colour capture for photos and Live Photos
<b>HDR Mode:</b>	Smart HDR
<b>Light Source:</b>	True Tone quad LED flash
<b>Video Resolutions:</b>	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

<b>Features:</b>	Sapphire crystal lens cover, Cinematic video stabilisation, Focus Pixels, Zero Shutter Lag, Cinematic video stabilisation, Playback zoom, Hybrid IR filter, Exposure control, noise reduction, geotagging, LTM (Local Tone Mapping), Stereo Recording, Continuous autofocus video, Time-lapse video with stabilisation, Slow Sync, Advanced red-eye correction, Optical image stabilization for video, Extended dynamic range for video, Panorama (up to 63MP), HEIF image capture, Audio zoom, 100% Focus Pixels
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## Front Camera

<b>Sensor Resolution:</b>	12 Megapixel
<b>Sensor Type:</b>	BSI
<b>Lens Type:</b>	Wide-angle lens
<b>Lens Aperture:</b>	F/2.2
<b>HDR Mode:</b>	Smart HDR
<b>Special Effects:</b>	Natural, High Key, Studio, Contour, Stage, Stage Mono
<b>Face Detection:</b>	Face recognition
<b>Camera Modes:</b>	Burst mode, Timer mode, portrait mode, Live Photos, Depth mode, Portrait mode with advanced bokeh and Depth Control, Portrait Lighting, wide colour capture for photos and Live Photos
<b>Video Resolutions:</b>	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
<b>Light Source:</b>	Retina Flash
<b>Features:</b>	FaceTime HD camera, Exposure control, Auto image stabilisation, Animoji, Memoji, TrueDepth camera, Extended dynamic range for video, Cinematic video stabilisation