

Apple iPad A16 Wi-Fi + Cellular (MD7Q4KN/A)

11-inch iPad Wi-Fi + Cellular 512GB - Blue



The 11-inch iPad is now more capable than ever with the superfast A16 chip, Liquid Retina display [1], advanced cameras, fast Wi-Fi 6 and 5G [2], USB-C connector, and four gorgeous colors. iPad delivers a powerful way to create, stay connected and get things done - all for a surprisingly affordable price.

Key Selling Points

Loveable. Drawable. Magical.

Product Features

11-INCH LIQUID RETINA DISPLAY

The gorgeous Liquid Retina display is an amazing way to watch movies or draw your next masterpiece [1]. True Tone adjusts the display to the color temperature of the room to make viewing comfortable in any light.

PERFORMANCE AND STORAGE

The superfast A16 chip delivers a boost in performance for your favorite activities. And with all-day battery life, iPad is perfect for playing immersive games and editing photos and videos [3]. Storage starts at 128GB and goes up to 512GB [4].

IPADOS + APPS

iPadOS makes iPad more productive, intuitive and versatile. With iPadOS, run multiple apps at once, use Apple Pencil to write in any text field with Scribble, and edit and share photos. Stage Manager makes multitasking easy with resizable, overlapping apps and external display support. iPad comes with essential apps like Safari, Messages and Keynote, with over a million more apps designed specifically for iPad available on the App Store.

APPLE PENCIL AND MAGIC KEYBOARD FOLIO

With Apple Pencil (USB-C), iPad transforms into an immersive drawing canvas and the world's best note taking device. Magic Keyboard Folio features a versatile two-piece design, with a detachable keyboard and a protective back panel that both attach magnetically to iPad. Apple Pencil (1st generation) is also compatible with iPad [5].

ADVANCED CAMERAS

iPad features a 12MP Center Stage front camera that's perfect for video calls and selfies. The 12MP Wide back camera is perfect for document scanning and capturing photos and 4K videos.

FAST WI-FI AND 5G CONNECTIVITY

Wi-Fi 6 gives you fast wireless connectivity to download files, play multiplayer games, stream movies, check in with friends and more. And with 5G cellular capabilities, you have the option to stay connected when you're away from Wi-Fi and add a flexible data plan whenever you need it [2].

UNLOCK AND PAY WITH TOUCH ID

Touch ID is built into the top button, so you can use your fingerprint to unlock your iPad, sign in to apps and make payments securely with Apple Pay.

Legal

Accessories sold separately and subject to availability. Compatibility varies by generation. Apps are available on the App Store. Title availability is subject to change. Third-party software sold separately.

[1] The display has rounded corners. When measured diagonally as a rectangle, the 11-inch iPad is 10.86 inches. Actual viewable area is less.

[2] Data plan required. 5G is available in selected markets and through selected network providers. Speeds vary based on site conditions and network. For details on 5G support, contact your provider and see apple.com/ipad/cellular.

[3] Battery life varies by use and configuration. See apple.com/batteries for more information.

[4] Available space is less and varies due to many factors. Storage capacity is subject to change based on software version, settings and iPad model. 1GB = 1 billion bytes; 1TB = 1 trillion bytes. Actual formatted capacity less.

[5] USB-C to Apple Pencil Adapter required to work with iPad (A16) and iPad (10th generation). Subject to availability.

Main specifications

Product Description	Apple iPad A16 Wi-Fi + Cellular - tablet - 512 GB - 11" - 3G, 4G, 5G
Product Type	Tablet
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2261058
Energy Class	Class G
Display	11" IPS LED backlight - 2360 x 1640 (264 ppi) - Multi-Touch
Processor	Apple A16 (5-core)
Neural Processor Unit (NPU)	Apple 16-core Neural Engine
Storage	512 GB

Cellular Technology	3G, 4G, 5G
Cellular Protocols	UMTS, HSPA, HSPA+, DC-HSDPA, FDD LTE, TDD LTE, 5G NR
Wireless Connectivity	802.11a/b/g/n/ac/ax, Bluetooth 5.3
Rear Camera	12 Megapixel focus: automatic
Front Camera	12 Megapixel
Navigation System	GPS/GNSS
Security Devices	Fingerprint reader
Battery Run Time	Up to 10 hours
Dimensions (WxDxH)	17.95 cm x 0.7 cm x 24.86 cm
Weight	481 g
Colour	Blue
Environmental Standards	ENERGY STAR Qualified, EPEAT Gold
Carbon Footprint	86 kg carbon emissions
Rare Earth Materials	100% recycled rare earth elements
Specific Absorption Rate (SAR)	1.47 W/kg (body) † 1.47 W/kg (limb)
Manufacturer Warranty	1-year warranty

Extended specification

General

Product Type	Tablet
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2261058
Energy Class	Class G
Operating System	Apple iPadOS 18

Memory

Storage	512 GB
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Manufacturer Warranty

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

Processor	Apple A16
Number of Cores	5-core

Miscellaneous

Colour	Blue
Case Material	Aluminum
Sensors	Accelerometer, ambient light sensor, 3-axis gyro sensor, digital compass, barometer, Touch ID sensor
Features	VoiceOver screen reader, AirPlay, Dictation, AssistiveTouch, iBeacon microlocation, Voice Control, rounded corners, Magnifier, Closed Captions, Switch Control, Spoken Content, Real-Time Text (RTT), audio description, subtitles, Live Captions
Cables Included	USB-C charge cable - 1 m
Specific Absorption Rate (SAR)	1.47 W/kg (body) † 1.47 W/kg (limb)
Repairability Class	Class C
Repeated Free Fall Reliability Class	Class E
Ingress Protection Rating	IP42

Environmental Parameters

Min Operating Temperature	0 °C
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Max Operating Temperature	35 °C
Humidity Range Operating	5 - 95% (non-condensing)
Min Storage Temperature	-20 °C
Max Storage Temperature	45 °C
Max Altitude Operating	3 km

Software

Preloaded Software	Clock, Mail, Calculator, Notes, Calendar, Contacts, Messages, Camera, Files, FaceTime, Photo Booth, Safari, Photos, App Store, Maps, News, Stocks, Weather, Siri, Books, Reminders, Music, Settings, Voice Memos, iTunes Store, Podcasts, Health, Apple Pay, Apple TV App, Home, Measure, Tips, Find My, Shortcuts, Translate, Magnifier, Freeform, Passwords
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Display

Type	11" IPS - LED backlight
Resolution	2360 x 1640 (264 ppi)
Touchscreen	Multi-Touch
Image Brightness	500 cd/m²
Features	BFR/PVC-free, Mercury free, Zoom, arsenic-free glass, True Tone display, HDR10 compatible, fingerprint-resistant oleophobic coating, Liquid Retina display, Dolby Vision, Apple Pencil (1st generation) support, Apple Pencil (USB-C) support

Battery

Technology	Lithium polymer
Capacity	28.93 Wh
Run Time	Up to 10 hours
Run Time Details	Web browsing over Wi-Fi: up to 10 hour(s) ¦ Video playback: up to 10 hour(s) ¦ Web browsing over cellular data network: up to 9 hour(s)
Battery Endurance per Cycle	67 hrs
Battery Endurance in Cycles	1000

Communications

SIM Card Type	Electronic SIM card (e-SIM)
Cellular Technology	3G, 4G, 5G
Cellular Protocols	UMTS, HSPA, HSPA+, DC-HSDPA, FDD LTE, TDD LTE, 5G NR
Band	UMTS/HSPA/HSPA+/DC-HSDPA 850/900/1700/2100/1900/2100 / 5G NR n1/2/3/5/7/8/12/14/20/25/26/28/29/30/38/40/41/48/66/70/71/75/76/77/78/79 / LTE FDD B1/2/3/4/5/7/8/11/12/13/14/17/18/19/20/21/25/26/28/29/30/32/66/71 / TD-LTE B34/38/39/40/41/42/48
Wireless Connectivity	802.11a/b/g/n/ac/ax, Bluetooth 5.3
Security Protocols & Features	2x2 MIMO technology, 4x4 MIMO technology

Input Device

Security Devices	Fingerprint reader
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System Requirements for PC Connection

OS Required	Windows 10 or later, Apple macOS Catalina 10.15 or later, Apple macOS High Sierra 10.13 - Apple macOS Mojave 10.14.6
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Dimensions & Weight

Width	17.95 cm
Depth	0.7 cm
Height	24.86 cm
Weight	481 g

Multimedia

Graphics	Apple A16 4-core
Supported Digital Audio Standards	AAC, MP3, FLAC, Apple Lossless, Dolby Atmos, Dolby Digital, Dolby Digital Plus
Supported Digital Video Standards	H.264, HEVC
Max External Resolution	4K
Audio	Two microphones, landscape stereo speakers

Expansion and Connectivity

Interfaces	1 x USB-C/DisplayPort 1 x Smart Connector
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Navigation System

Receiver	GPS/GNSS
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Rear Camera

Sensor Resolution	12 Megapixel
Camera Zoom	5x digital zoom
Focus Adjustment	Automatic
Lens Aperture	F/1.8
Lens Element Qty	5-element
HDR Mode	Smart HDR 4
Camera Modes	Burst mode, Panorama, Time-lapse mode, Slow motion mode, Wide
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, 1280 x 720 (720p) at 60 fps, 3840 x 2160 (4K) at 60 fps, 3840 x 2160 (4K) at 24 fps, 1920 x 1080 (1080p) at 25 fps, Slo-mo video 1920 x 1080 (1080p) at 240 fps, 3840 x 2160 (4K) at 25 fps
Features	Cinematic video stabilisation, Focus Pixels, Cinematic video stabilisation, Playback zoom, geotagging, video image stabilisation, Continuous autofocus video, Time-lapse video with stabilisation, Panorama (up to 63MP), HEIF image capture, Extended dynamic range for video at 30 fps, JPEG image capture

Front Camera

Sensor Resolution	12 Megapixel
Lens Aperture	F/2.4
HDR Mode	Smart HDR 4
Camera Modes	Burst mode, Time-lapse mode, Landscape, Wide, Centre Stage
Light Source	Retina Flash
Video Resolutions	1920 x 1080 (1080p) at 30 fps, 1920 x 1080 (1080p) at 60 fps, 1920 x 1080 (1080p) at 25 fps
Features	FaceTime HD camera, Auto image stabilisation, Cinematic video stabilisation, Extended dynamic range for video at 30 fps, Time-lapse video with stabilisation, Lens correction

Sustainability Information

EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes
Carbon Footprint	86 kg carbon emissions
Rare Earth Materials	100% recycled rare earth elements

Neural Processor Unit (NPU)

Artificial Intelligence Processor Family	Apple
Artificial Intelligence Processor Model	16-core Neural Engine

What's in the box

Apple iPad A16 Wi-Fi + Cellular

USB-C charge cable - 1 m

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet