ComX Computers
Product Specification Sheet

MD522HC/A

APPLE iPAD 4th Generation Black WIFI Cellular 16GB Tablet PC

Product Overview

APPLE iPAD 4th Generation WIFI Cellular 16GB - Black, Retail Box



Specifications

Features:

It´s brilliant. In every sense of the word.
Pick up the iPad with Retina display and suddenly, it's clear. You're actually touching your photos, reading a book, playing the piano. Nothing comes between you and what you love. That's because the fundamental elements of iPad - the display, the processor, the cameras, the wireless connection - all work together to create the best possible experience. And they make iPad capable of so much more than you ever imagined.

The Retina display on iPad features a 2048x1536 resolution, rich colour saturation and an astounding 3.1 million pixels. That's a million more than an HDTV. Those pixels are so close together, your eyes can't discern individual ones at a normal viewing distance. When you can't see the pixels, you see the whole picture. Or article. Or game. In ways you never could before.

Powerful A6X chip-Twice the speed. Twice the graphics performance.
The new A6X chip inside New iPad is the most powerful mobile chip yet. It delivers up to twice the CPU and graphics performance and it makes the New iPad feel faster and even more responsive. Apps launch instantly and run smoothly. Graphics-intensive games are fluid and lifelike and gorgeous. And with improved image signal processing built into the A6X chip, the photos and videos you take with the 5-megapixel iSight camera look sharper and even more Retina worthy.

Over 275,000 apps from the App Store.
The App Store is home to more than 275,000 iPad apps and counting. These are beautiful, immersive, made-just-for-iPad apps. And they change the way you do everything. You can make a spreadsheet for work, make a Hollywood-style trailer for fun, plan a lesson, plan a trip, or simply plan a meal - all on a single device.

Built-in apps.
Right out of the box, iPad takes the things you do every day and makes them extraordinary. Map out your next adventure. Then shoot it in 1080p HD. Ask Siri to help you find the best pizza in town. Watch a webcast or a movie. Read a best seller or a magazine. Check email. Send messages. Or stay in touch face-to-face over FaceTime. You'll be amazed at how much is built right in.

Instant on. Touch and go:
You use your iPad all the time. A few minutes here, an hour or so there. And each time you press the Home button it's ready to go. Instantly. That's the work of flash storage. It's fast and reliable, so you can get to your apps and do whatever you need to do, pronto.
Advanced Wiâ€'Fi technology. Built in.

The new Wiâ€'Fi capabilities built into iPad keep you connected faster than ever. With dual-band (2.4GHz and 5GHz) 802.11n Wiâ€'Fi and support for channel bonding, download speeds can reach up to 150 Mbps.

Print right from your iPad over Wiâ€'Fi with AirPrint. There's no software to download, no drivers to install, and no cables to connect. Print from Mail, Photos, Safari, and iBooks. With just a few taps, you can send whatever's onscreen to an AirPrintâ€'enabled printer.

Next-generation cellular connectivity - up to LTE.
The New iPad with Wiâ€'Fi Cellular now supports LTE wireless networks-So you can download content, stream video, and browse the web at amazing speeds

Battery life spared: 10-hour battery life.
The New iPad features a 3.1-million-pixel Retina display and an advanced processor and graphics yet you still get up to 10 hours of power to read, watch, play, write and create whatever you want, all you want.

Specifications:

Colour	Black
Model	WiFi Cellular
Size and Weight	Height: 241.2 mm (9.50 inches)
	Width: 185.7 mm (7.31 inches)
	Depth:9.4 mm (0.37 inches)
	Weight: 662 g (1.46 pounds)
Storage	16GB
Wireless and Mobile Data	GSM/EDGE (850, 900, 1800, 1900 MHz)
	UMTS/HSPA /DC-HSDPA (850, 900, 1900, 2100 MHz)
	LTE (Bands 4 and 17)**
	Data only
	802.11a/b/g/n Wi-Fi (802.11n 2.4GHz and 5GHz)
	Bluetooth 4.0 wireless technology
Display	Retina display
	9.7-inch (diagonal) LED-backlit Multi-Touch display with IPS technology
	2048x1536 resolution at 264 pixels per inch (ppi)
	Fingerprint-resistant oleophobic coating
Chip	Dual-core A6X with quad-core graphics
Cameras, Photos, and Video Recording	

FaceTime HD Camera	1.2MP photos
	720p HD video
	FaceTime video calling over Wi-Fi or a mobile network
	Face detection
	Backside illumination
	Tap to control exposure for video or still images
	Photo and video geotagging
iSight Camera	5MP photos
	Autofocus
	Face detection
	Backside illumination
	Five-element lens
	Hybrid IR filter
	?/2.4 aperture
	Tap to focus video or still images
	Tap to control exposure for video or still images
	Photo and video geotagging
Video Recording	1080p HD video recording
	Video stabilisation
	Face detection
	Tap to focus while recording
	Backside illumination
Power and Battery	Built-in 42.5-watt-hour rechargeable lithium-polymer battery
	Up to 10 hours of surfing the web on Wi-Fi, watching video or listening to music
	Up to 9 hours of surfing the web using mobile data network
	Charging via power adapter or USB to computer system
Input/ Output	Lightning connector
	3.5-mm stereo headphone mini-jack
	Built-in speaker
	Microphone
	Micro-SIM card tray
Sensor	Three-axis gyro
	Accelerometer
	Ambient light sensor

Location	Wi-Fi
	Digital compass
	Assisted GPS and GLONASS
	Mobile data
Audio Playback	Frequency response: 20Hz to 20, 000Hz
	Audio formats supported: AAC (8 to 320 Kbps), Protected AAC (from iTunes Store), HE-AAC, MP3 (8 to 320 Kbps), MP3 VBR, Audible (formats 2, 3, 4, Audible Enhanced Audio, AAX and AAX), Apple Lossless, AIFF and WAV
	User-configurable maximum volume limit
TV and Video	AirPlay mirroring and video out to Apple TV (2nd and 3rd generation)
	Video mirroring and video out support: Up to 1080p through Lightning Digital AV Adapter and Lightning to VGA Adapter (adapters sold separately)
	Video mirroring and video out support: Up to 720p through Lightning Digital AV Adapter and Lightning to VGA Adapter; video playback up to 1080p (sold separately)
	Video formats supported: H.264 video up to 1080p, 30 frames per second, High Profile level 4.1 with AAC-LC audio up to 160 Kbps, 48kHz, stereo audio in .m4v, .mp4 and .mov file formats; MPEG-4 video up to 2.5 Mbps, 640x480 pixels, 30 frames per second, Simple Profile with AAC-LC audio up to 160 Kbps per channel, 48kHz, stereo audio in .m4v, .mp4 and .mov file formats; Motion JPEG (M-JPEG) up to 35 Mbps, 1280x720 pixels, 30 frames per second, audio in ulaw, PCM stereo audio in .avi file format
Mail Attachedment Support	Viewable document types: .jpg, .tiff, .gif (images); .doc and .docx (Microsoft Word); .htm and .html (web pages); .key (Keynote); .numbers (Numbers); .pages (Pages); .pdf (Preview and Adobe Acrobat); .ppt and .pptx (Microsoft PowerPoint); .txt (text); .rtf (rich text format); .vcf (contact information); .xls and .xlsx (Microsoft Excel)

Languages	Language support for English (US), English (UK), Chinese (Simplified), Chinese (Traditional), French, German, Italian, Japanese, Korean, Spanish, Arabic, Catalan, Croatian, Czech, Danish, Dutch, Finnish, Greek, Hebrew, Hungarian, Indonesian, Malay, Norwegian, Polish, Portuguese, Portuguese (Brazil), Romanian, Russian, Slovak, Swedish, Thai, Turkish, Ukrainian, Vietnamese
	Keyboard support for English (US), English (Australia), English (Canada), English (UK), Chinese - Simplified (Handwriting, Pinyin, Stroke), Chinese - Traditional (Handwriting, Pinyin, Zhuyin, Cangjie, Stroke), French, French (Canada), French (Switzerland), German (Germany), German (Switzerland), Italian, Japanese (Romaji, Kana), Korean, Spanish, Arabic, Bulgarian, Catalan, Cherokee, Croatian, Czech, Danish, Dutch, Emoji, Estonian, Finnish, Flemish, Greek, Hawaiian, Hebrew, Hindi, Hungarian, Icelandic, Indonesian, Latvian, Lithuanian, Macedonian, Malay, Norwegian, Polish, Portuguese (Portugal), Portuguese (Brazil), Romanian, Russian, Serbian (Cyrillic/Latin), Slovak, Swedish, Thai, Tibetan, Turkish, Ukrainian, Vietnamese
	Dictionary support (enables predictive text and auto-correct) for English (US), English (Australia), English (Canada), English (UK), Chinese - Simplified (Handwriting, Pinyin, Stroke), Chinese - Traditional (Handwriting, Pinyin, Zhuyin, Cangjie, Stroke), French, French (Canada), French (Switzerland), German (Germany), German (Switzerland), Italian, Japanese (Romaji, Kana), Korean, Spanish, Arabic, Bulgarian, Catalan, Cherokee, Croatian, Czech, Danish, Dutch, Estonian, Finnish, Flemish, Greek, Hawaiian, Hebrew, Hindi, Hungarian, Icelandic, Indonesian, Latvian, Lithuanian, Macedonian, Malay, Norwegian, Polish, Portuguese (Portugal), Portuguese (Brazil), Romanian, Russian, Serbian (Cyrillic/Latin), Slovak, Swedish, Thai, Turkish, Ukrainian, Vietnamese
	Siri language support for English (US, UK, Canada, Australia), Spanish (US, Mexico, Spain), French (France, Canada, Switzerland), German (Germany, Switzerland), Italian (Italy, Switzerland), Japanese, Korean, Mandarin (Mainland China, Taiwan), Cantonese (Hong Kong)
Accessibility	VoiceOver screen reader
	Guided Access
	Support for playback of closed-captioned content
	AssistiveTouch interface for adaptive accessories
	Full-screen zoom magnification
	Large text
	Option to invert colours
	Left/right volume adjustment
Environmental Requirements	Operating ambient temperature: 0 degrees to 35 degrees C (32 degrees to 95 degrees F)
	Non-operating temperature: -20 degrees to 45 degrees C (-4 degrees to 113 degrees F)
	Relative humidity: 5% to 95% non-condensing
System Requirements	Apple ID (required for some features)
	Internet access6
Syncing with iTunes on a Mac or PC requires:	Mac: OS X v10.6.8 or later
	PC: Windows 7; Windows Vista; or Windows XP Home or Professional with Service Pack 2 or later
In the Box	iPad with Retina display
	Lightning to USB Cable
	USB Power Adapter

Built-in Apps	Safari
	Photos
	App Store
	Maps
	Photo Booth
	Reminders
	Camera
	Mail
	FaceTime
	iTunes
	Music
	Clock
	Calendar
	Messages
	Newsstand
	Videos
	Game Center
	Contacts
	Notes

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/MD522HC-A-APPLE-iPAD-4th-Generation-Black-WIFI-Cellular-16GB-Tablet-PC-p-71620.php

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