



iMac (20-inch Early 2008)



iMac (24-inch Early 2008)



OVERVIEW

Introduced	April 2008
Discontinued	March 2009
Model Identifier	iMac8,1

Model Number A1224

EMC 2210

Order Number MB323LL/A (2.4 GHz), MB324LL/A (2.66 GHz)

Initial Price  €999 (2.4 GHz)  €1.299 (2.66 GHz)

Support Status  Obsolete

Colors Silver

Weight and Dimensions 9.1 kg, 46.9 cm H x 48.5 cm W x 18.9 cm D

PROCESSOR

Processor Intel Core 2 Duo (E8135, E8335) ("Penryn")

Processor Speed 2.4 or 2.66 GHz

Architecture 64-bit

Number of Cores 2

Manufacturing Process 45 nm

Cache 6 MB shared L2 cache at full processor speed

System Bus 1066 MHz

STORAGE AND MEDIA

Storage 250 (2.4 GHz only), 320, 500, 750 GB 7200-rpm

Media Slot-loading 8x SuperDrive (DVD±R DL/DVD±RW/CD-RW)

PERIPHERALS

Peripherals Apple Remote, Apple Keyboard with Numeric Keypad, Mighty Mouse

SOFTWARE

Original OS Mac OS X 10.5.2 (9C2028)

Later OS Mac OS X 10.5.4 (9E25)

Maximum OS OS X 10.11.6 (15G31)

Introduced April 2008

Discontinued March 2009

Model Identifier iMac8,1

Model Number A1225

EMC 2211

Order Number MB325LL/A

Initial Price  €1.599 (2.8 GHz)  €1.919 (3.06 GHz)

Support Status  Obsolete

Colors Silver

Weight and Dimensions 11.5 kg, 52.0 cm H x 56.9 cm W x 20.7 cm D

Processor Intel Core 2 Duo (E8235, E8435) ("Penryn")

Processor Speed 2.8 or 3.06 GHz

Architecture 64-bit

Number of Cores 2

Manufacturing Process 45 nm

Cache 6 MB shared L2 cache at full processor speed

System Bus 1066 MHz

Storage 320, 500, 750 GB, or 1 TB 7200-rpm

Media Slot-loading 8x SuperDrive (DVD±R DL/DVD±RW/CD-RW)

Peripherals Apple Remote, Apple Keyboard with Numeric Keypad, Mighty Mouse

Original OS Mac OS X 10.5.2 (9C2028)

Later OS Mac OS X 10.5.4 (9E25)

Maximum OS OS X 10.11.6 (15G31)

Hardware Test AHT 3A138		Hardware Test AHT 3A139	
Bundled Software	iLife '08 (includes iTunes, iPhoto, iMovie, iDVD, iWeb, GarageBand), and iWork '08 (30-day trial)	Bundled Software	iLife '08 (includes iTunes, iPhoto, iMovie, iDVD, iWeb, GarageBand), and iWork '08 (30-day trial)
MEDIA			
FIRMWARE			
Firmware	Intel Extensible Firmware Interface (EFI)	Firmware	Intel Extensible Firmware Interface (EFI)
MEMORY			
Built-in Memory	None	Built-in Memory	None
Maximum Memory	6.0 GB (Actual) 4.0 GB (Apple)	Maximum Memory	6.0 GB (Actual) 4.0 GB (Apple)
Memory Slots	2 - 200-pin PC2-6400 (800MHz) DDR2 SO-DIMM	Memory Slots	2 - 200-pin PC2-6400 (800MHz) DDR2 SO-DIMM
Minimum Speed	--	Minimum Speed	--
Interleaving Support	Yes	Interleaving Support	Yes
DISPLAY			
Built-in Display	20-inch (viewable) glossy widescreen TFT LCD	Built-in Display	24-inch (viewable) glossy widescreen TFT LCD
Brightness	290 cd/m2	Brightness	385 cd/m2
Resolutions	16:10 aspect ratio: 1680 x 1050, 1344 x 840, 1280 x 800, 1024 x 640, 840 x 524, 800 x 500 4:3 aspect ratio: 1024 x 768, 800 x 600, 640 x 480	Resolutions	16:10 aspect ratio: 1920 x 1200, 1600 x 1000, 1344 x 840, 1280 x 800, 1024 x 640, 800 x 500, 4:3 aspect ratio: 1600 x 1200, 1344 x 1008, 1280 x 960, 1024 x 768, 960 x 600, 800 x 600, 640 x 480
GRAPHICS			
Graphics Card	ATI Radeon HD 2400 XT or ATI Radeon HD 2600 PRO	Graphics Card	ATI Radeon HD 2600 PRO or NVIDIA GeForce 8800 GS
Graphics Memory	128 MB (2400 XT) or 256 MB (2600 PRO) GDDR3	Graphics Memory	256 MB (Radeon HD 2600 PRO) 512 MB (GeForce 8800 GS) GDDR3
Display Connection	1 - Mini-DVI (DVI, VGA, Composite and S-video with adapter)	Display Connection	1 - Mini-DVI (DVI, VGA, Composite and S-video with adapter)
Display Modes	Dual display extended and video mirroring	Display Modes	Dual display extended and video mirroring
External Resolution	Up to 1920 by 1200 pixels (Digital) Up to 2048 by 1536 pixels (Analog)	External Resolution	Up to 1920 by 1200 pixels (Digital) Up to 2048 by 1536 pixels (Analog)
Camera	Built-in iSight	Camera	Built-in iSight
CONNECTIONS			
Wi-Fi	Built-in AirPort Extreme card (802.11a/b/g/n)	Wi-Fi	Built-in AirPort Extreme card (802.11a/b/g/n)
Bluetooth	Built-in Bluetooth 2.1 + EDR	Bluetooth	Built-in Bluetooth 2.1 + EDR
Ethernet	10/100/1000BASE-T (RJ-45) (support for jumbo frames)	Ethernet	10/100/1000BASE-T (RJ-45) (support for jumbo frames)
Modem	Optional Apple USB Modem (MA034Z/A)	Modem	Optional Apple USB Modem (MA034Z/A)

USB	3 - 480 MBit/s
FireWire	1 - 400 MBit/s, 1 - 800 MBit/s (7W each)
Display	1 - Mini-DVI (DVI, VGA, Composite and S-video with adapter)
Infrared	1 - For Apple Remote only
Audio In	1 - 3.5-mm analog/optical combo input jack, Built-in microphone
Audio Out	1 - 3.5-mm analog/optical combo output jack, Built-in speakers

EXPANSION

Slots	None
Hard Drive Interface	3.0 Gbps Serial ATA (SATA)
Optical Drive Interface	Ultra ATA/100 (operates at UATA/33 or UATA/66)

POWER

Backup Battery	3 V CR2032 lithium
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Maximum Continuous Power	200 W
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Line Voltage	100-240V AC
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ENVIRONMENTAL

ENERGY STAR	Meets ENERGY STAR requirements
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EPEAT	Silver
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USB	3 - 480 MBit/s
FireWire	1 - 400 MBit/s, 1 - 800 MBit/s (7W each)
Display	1 - Mini-DVI (DVI, VGA, Composite and S-video with adapter)
Infrared	1 - For Apple Remote only
Audio In	1 - 3.5-mm analog/optical combo input jack, Built-in microphone
Audio Out	1 - 3.5-mm analog/optical combo output jack, Built-in speakers

Slots	None
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Hard Drive Interface	3.0 Gbps Serial ATA (SATA)
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Optical Drive Interface	Ultra ATA/100 (operates at UATA/33 or UATA/66)
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Backup Battery	3 V CR2032 lithium
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Maximum Continuous Power	280 W
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Line Voltage	100-240V AC
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ENERGY STAR	Meets ENERGY STAR requirements
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EPEAT	Silver
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