





Mac Pro (Early 2008)

OVERVIEW

Introduced	January 2008
Discontinued	March 2009
Model Identifier	MacPro3,1
Model Number	A1186
EMC	2180
Order Number	MA970LL/A (two 2.8 GHz)
Initial Price	 \$2,799 (two 2.8 GHz)
Support Status	 Obsolete
Weight and Dimensions	42.4 lbs., 20.1" H x 8.1" W x 18.7" D

PROCESSOR

Processor	Intel Xeon 5400 series ("Harpertown")
Processor Speed	2.8 GHz, two 2.8 GHz, two 3.0 GHz, or two 3.2 GHz
Architecture	64-bit
Number of Cores	4 per processor
Cache	12 MB of L2 cache per processor (each pair of cores shares 6 MB)
System Bus	one or two 1.6 GHz

STORAGE AND MEDIA

Storage	320, 500, 750 GB, or 1 TB 7200-rpm (Serial ATA) 300 GB 15,000-rpm (SAS)
Media	16x SuperDrive (DVD±R DL/DVD±RW/CD-RW)

PERIPHERALS

Peripherals	Apple Keyboard with Numeric Keypad, Mighty Mouse
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SOFTWARE

Original OS	Mac OS X 10.5.1 (9B2117)
Later OS	Mac OS X 10.5.2, 10.5.4 (9C2031, 9E25)

Maximum OS OS X 10.11.6 (15G31)

Hardware Test AHT 3A130

Bundled Software iLife '08 (includes iTunes, iPhoto, iMovie, iDVD, iWeb, and GarageBand)

FIRMWARE

Firmware Intel Extensible Firmware Interface (EFI)

MEMORY

Built-in Memory None

Maximum Memory 32 GB

Memory Slots 8 – 240-pin PC2-6400 (800MHz) DDR2 ECC fully-buffered DIMM (FB-DIMM) (matched pairs)

Minimum Speed --

Interleaving Support Yes

DISPLAY

Built-in Display None

GRAPHICS

Graphics Card ATI Radeon HD 2600 XT, NVIDIA GeForce 8800 GT, or NVIDIA Quadro FX 5600

Graphics Memory 256 MB (2600 XT), 512 MB (8800 GT), 1.5 GB (FX 5600) GDDR3 SDRAM

Display Connection 2 – dual-link DVI (2600 XT, 8800 GT) 2 – dual-link DVI and 1 – stereo 3D port (FX 5600)

Display Modes Dual display extended and video mirroring

CONNECTIONS

Wi-Fi Optional AirPort Extreme card (802.11a/b/g/n)

Bluetooth Bluetooth 2.0 + EDR

Ethernet 2 – 10/100/1000BASE-T ports (support for jumbo frames)

Modem Optional Apple USB Modem (MA034Z/A)

USB 5 – 480Mbps (500 mA each)

FireWire 2 – 400 MBit/s, 2 – 800 MBit/s (28W total power)

Fibre Channel Optional (MB355G/A, MB356G/A)

Display 2 – dual-link DVI (2600 XT, 8800 GT) 2 – dual-link DVI and 1 – stereo 3D port (FX 5600)

Audio In 1 – 3.5-mm analog input jack. 1 – optical S/PDIF (Toslink) input (24-bit 44.1

Audio In 2 – 3.5-mm analog input jacks, 1 – optical S/PDIF (Toslink) input (24-bit 44.1 kHz sample rate)

Audio Out 2 – 3.5-mm analog output jacks, 1 – optical S/PDIF (Toslink) output, 1 – Built-in speaker (24-bit 44.1 kHz sample rate)

EXPANSION

Slots 2 – 16-lane PCI Express 2.0 and 2 – 4-lane PCI Express 1.1

Bays 4 – Internal 3.5" Serial ATA (SATA) or Serial Attached SCSI (SAS) (with Mac Pro RAID Card) drive bays, 2 – optical drive bays

Hard Drive Interface 4 – 3.0 Gbps Serial ATA (SATA) controllers

Internal RAID Optional Mac Pro RAID Card with 256 MB cache and 72-hour cache battery backup

Optical Drive Interface 2 – Ultra ATA/100 (2 – 3.0 Gbps Serial ATA (SATA) included on logic board)

POWER

Backup Battery 3 V CR2032 lithium

Maximum Continuous Power --

Line Voltage 100–120V AC or 200–240V AC

ENVIRONMENTAL

Power Consumption 115 W (Idle) 318 W (CPU Max)

ENERGY STAR ENERGY STAR configurations available

EPEAT --

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