



Mac Pro (Late 2013) – Technical Specifications

Languages English 

Dimensions

- Height: 9.9 in
- Diameter: 6.6 in
- Weight: 11 lb¹

Processor

- **3.7GHz Quad-Core**
 - Intel Xeon E5 with 10MB L3 cache and Turbo Boost up to 3.9GHz
Configurable to 3.5GHz 6-core processor with 12MB L3 cache, 3.0GHz 8-core processor with 25MB L3 cache, or 2.7GHz 12-core processor with 30MB L3 cache
- **3.5GHz 6-Core**
 - Intel Xeon E5 with 12MB L3 cache and Turbo Boost up to 3.9GHz
Configurable to 3.0GHz 8-core processor with 25MB L3 cache or 2.7GHz 12-core processor with 30MB L3 cache
- **3.0GHz 8-Core**
 - Intel Xeon E5 with 25MB L3 cache and Turbo Boost up to 3.9GHz
Configurable to 2.7GHz 12-core processor with 30MB L3 cache

Memory

- **3.7GHz Quad-Core**
 - 12GB (three 4GB) of 1866MHz DDR3 ECC memory
Configurable to 16GB (four 4GB), 32GB (four 8GB) or 64GB (four 16GB)
- **3.5GHz 6-Core**
 - 16GB (four 4GB) of 1866MHz DDR3 ECC memory
Configurable to 32GB (four 8GB) or 64GB (four 16GB)
- **3.0GHz 8-Core**
 - 16GB (four 4GB) of 1866MHz DDR3 ECC memory
Configurable to 32GB (four 8GB) or 64GB (four 16GB)

Graphics

- **3.7GHz Quad-Core**
 - Dual AMD FirePro D300 graphics processors with 2GB of GDDR5 VRAM each
 - 1280 stream processors
 - 256-bit-wide memory bus
 - 160GB/s memory bandwidth
 - 2 teraflops performance*Configurable to dual AMD FirePro D500, each with 3GB GDDR5 VRAM, 1526 stream processors, 384-bit-wide memory bus, 240GB/s memory bandwidth, and 2.2 teraflops performance; or dual AMD FirePro D700, each with 6GB of GDDR5 VRAM, 2048 stream processors, 384-bit-wide memory bus, 264GB/s memory bandwidth, and 3.5 teraflops performance*

- **3.5GHz 6-Core**
 - Dual AMD FirePro D500 graphics processors with 3GB of GDDR5 VRAM each
 - 1526 stream processors
 - 384-bit-wide memory bus
 - 240GB/s memory bandwidth
 - 2.2 teraflops performance

Configurable to dual AMD FirePro D700, each with 6GB of GDDR5 VRAM, 2048 stream processors, 384-bit-wide memory bus, 264GB/s memory bandwidth, and 3.5 teraflops performance
- **3.0GHz 8-Core**
 - Dual AMD FirePro D700 graphics processors with 6GB of GDDR5 VRAM each
 - 2048 stream processors
 - 384-bit-wide memory bus
 - 264GB/s memory bandwidth
 - 3.5 teraflops performance

Display Support

- Connect up to:
 - Three dual-cable 5K displays
 - Six Thunderbolt displays

Storage

- 256GB
 - PCIe-based SSD
- Configurable to 512GB or 1TB²*

Audio

- Combined optical digital audio output/analog line out minijack
- 3.5 mm headphone jack with headset support
- HDMI port supports multichannel audio output
- Built-in speaker

Connections and Expansion

- 4 USB 3
- 6 Thunderbolt 2
- Dual Gigabit Ethernet
- HDMI 1.4 Ultra HD

Wireless

- 802.11ac Wi-Fi wireless networking;³ IEEE 802.11a/b/g/n compatible
- Bluetooth 4.0 wireless technology

Electrical and Operating Requirements

- Line voltage: 100–240V AC
- Frequency: 50Hz to 60Hz, single phase
- Maximum continuous power: 450W
- Operating temperature: 50° to 95° F (10° to 35° C)
- Relative humidity: 5% to 95% noncondensing
- Maximum altitude: 16,400 feet (5000 meters)
- Typical acoustical performance, sound pressure level (operator position): 12 dBA at idle

In the Box

- Mac Pro, power cord

Included Software

macOS Mojave

macOS is the operating system that powers everything you do on a Mac. macOS Mojave brings new features inspired by its most powerful users, but designed for everyone. So you can get more out of every click. Learn more

Acoustic Performance

Declared noise emission values in accordance with ECMA-109

	Sound Power Level $L_{WA,m}$ (B)	Sound Pressure Level Operator Position $L_{pA,m}$ (dB)
Idle	2.05 ($K_V = 0.25$)	14.0
Wireless web	2.05 ($K_V = 0.30$)	14.5

1. $L_{WA,m}$ is the mean A-weighted sound power level, rounded to the nearest 0.05 B.
2. $L_{pA,m}$ is the mean A-weighted sound pressure level measured at the operator position (rounded to the nearest 0.5 dB).
3. 1 B (bel) = 10 dB (decibel)
4. K_V is the statistical adder for computing upper-limit of A-weighted sound power level.
5. The quantity, $L_{WA,c}$ (formerly called $L_{WA,d}$) may be computed from the sum of $L_{WA,m}$ and K_V .
6. The Wireless web test browses 25 popular websites.

Mac Pro and the Environment

Apple takes a complete product life cycle approach to determining our environmental impact.

- ENERGY STAR 6
- EPEAT Gold⁴
- BFR-free
- PVC-free⁵
- Highly recyclable

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1. Weight varies by configuration and manufacturing process.
 2. 1GB = 1 billion bytes and 1TB = 1 trillion bytes; actual formatted capacity less.
 3. Internet access required. 802.11ac is based on an IEEE draft specification.
 4. Mac Pro achieved a Gold rating from EPEAT in the U.S. and Canada.
 5. PVC-free power cord available in all regions except India and South Korea.

Published Date: Sep 24, 2018