



# Commission Regulation (EU) No 617/2013

## Technical Documentation

Product Model Name:	Mac Pro
Apple Model Number:	A1991 A2304
Product Type	Workstation
Product Category:	NA
Manufacturer:	Apple
Address:	One Apple Park Way. Cupertino. CA95014 USA
Place of manufacture	China
Year of manufacture	2019

### Energy Efficiency

Maximum Power W	825.5
Off ( $P_{off}$ ) W	0.62
Sleep ( $P_{sleep}$ ) W	30.1
Idle ( $P_{idle}$ ) W	154.6
Test Methodology for product	IEC62623
Test Voltage and Frequency	230V/50 Hz
Total Harmonic Distortion	<2%

Internal Power Supply efficiency at 10%	90.46%
Internal Power Supply efficiency at 20%	93.9%
Internal Power Supply efficiency at 50%	94.87%
Internal Power Supply efficiency at 100%	94.4%
Test Methodology for power supply	Generalized Internal Power Supply Efficiency Test Protocol, Rev 6.6
System Sleep Mode Default Time	10 mins
Display Sleep Mode Default Time	10 mins
Power management features	Refer to Energy Saver preferences link <a href="https://support.apple.com/en-us/HT202824">https://support.apple.com/en-us/HT202824</a>

### Non Energy Related Attributes

Noise level	Refer to Technical Specs page <a href="https://support.apple.com/kb/SP797?viewlocale=en_US&amp;locale=en_US">https://support.apple.com/kb/SP797?viewlocale=en_US&amp;locale=en_US</a>
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## 1. Family of models

Product Model Name	Base Model Tested	Apple Model Number	Difference between models
Mac Pro A1991 A2304	Z0W3	MTEK2 MX7M2 Z0W3 Z0YZ	Memory, SSD capacity, CPU and GPU

## 2. Product Details

Product Type	Workstation	Display size (in)	N/A
Base Model(s) Tested	Z0W3	Display resolution (MP)	N/A
Processor (Ghz)	2.5	Display Width Resolution (pixels)	N/A
No. of processor cores	28	Display Height Resolution (pixels)	N/A
Memory (GB)	1536	External Graphics Dfx? If yes (specify model)	AMD Radeon Pro Vega II
More than 1 Internal Storage	Yes	External Graphics Data rate	2000 MHz
		External Data Width (bits)	4096 Bits