



Commission Regulation (EU) No 617/2013

Technical Documentation

Product Model Name:	iMac 27"
Apple Model Number:	A1419
Product Type	Integrated Desktop
Product Category:	Category D
Manufacturer:	Apple
Address:	1 Infinite Loop, Cupertino, CA 95014, USA
Place of manufacture	China
Year of manufacture	2017

Energy Efficiency

Typical Energy Consumption (TEC) kWh/year	104.00
Off Power Wake on LAN disabled (W)	0.26
Off Power Wake on LAN enabled (W)	NA
Sleep Power with Wake on LAN disabled (W)	1.30
Sleep Power with Wake on LAN enabled (W)	1.52
Idle (W)	29.13
Test Methodology for product	IEC62623
Test Voltage and Frequency	230V/50 Hz
Total Harmonic Distortion	<2%

Internal Power Supply efficiency at 10%	>79%
Internal Power Supply efficiency at 20%	>90%
Internal Power Supply efficiency at 50%	>90%
Internal Power Supply efficiency at 100%	>90%

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
<http://support.apple.com/kb/PH13787>

Non Energy Related Attributes

Noise level
Refer to Technical Support Specs page

Mercury Free LED Displays



1. Family of models

Product Model Name	Base Part Number Tested	Apple Part number	Apple Model Number	Difference between models
iMac 27"	Z0TR	MNE92	A1419	NA
		MNEE2		Memory, Storage Capacity, Processor Speed
		MNEA2		Memory, Storage Capacity, Processor Speed
		MNEF2		Memory, Storage Capacity, Processor Speed
		MNED2		Memory, Storage Capacity, Processor Speed
		MNEG2		Memory, Storage Capacity, Processor Speed
		Z0TP		Memory, Storage Capacity, Processor Speed
		Z0TS		Memory, Storage Capacity, Processor Speed
		Z0TQ		Memory, Storage Capacity, Processor Speed
		Z0TT		Memory, Storage Capacity, Processor Speed
		Z0TR		Memory, Storage Capacity, Processor Speed
		Z0TU		Memory, Storage Capacity, Processor Speed



2. Product Details

Product Type	Integrated Desktop	Display size (in)	27
Base Model(s) Tested	Z0TR	Display resolution (MP)	14.7456
Processor (Ghz)	4.2	Display Width Resolution (pixels)	5120
No. of processor cores	4	Display Height Resolution (pixels)	2880
Memory (GB)	64	External Graphics Dfx? If yes (specify model)	Yes, AMD Radeon Pro 580 8192MB
More than 1 Internal Storage?	Yes	External Graphics Data rate (MHz)	6780
		External Data Width (bits)	256