



# Commission Regulation (EU) No 617/2013

## Technical Documentation

Product Model Name:	24-inch iMac
Apple Model Number:	A2438
Product Type	Integrated Desktop
Product Category:	Category D
Manufacturer:	Apple
Address:	1 Apple Park Way, Cupertino, CA 95014, USA
Place of manufacture	China
Year of manufacture	2021

### Energy Efficiency

Typical Energy Consumption (TEC) kWh/year	7.41
Off Power Wake on LAN disabled (W)	0.27
Off Power Wake on LAN enabled (W)	NA
Sleep Power with Wake on LAN disabled (W)	NA
Sleep Power with Wake on LAN enabled (W)	0.66
Idle (W)	1.62
Test Methodology for product	IEC62623
Test Voltage and Frequency	230V/50 Hz
Total Harmonic Distortion	<2%
External Power Supply efficiency	>92%
Test Methodology for power supply	Code of Conduct on Energy Efficiency of External Power Supplies Version 5
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>
<b>Non Energy Related Attributes</b>	
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
24-inch iMac	Z133	MGPC3, MGPD3, MGPF3, MGPG3, MGPH3, MGPJ3, MGPK3, MGPL3, MGPM3, MGPN3, MGPP3, MGPO3, MGPR3, MGPT3, MGPW3, MGPM3, MGPY3, MGQ03, MGQ13, MGQ23, MGQ33, MGQ43, MGQ53, MGQ63, MGQ73, MGQ83, MGQ93, MGQA3, MJ553, MJVN3	A2438	8GB memory, 256GB/512GB SSD storage, enclosure color
		Z12Q, Z12R, Z12S, Z12T, Z12U, Z12V, Z12W, Z12X, Z12Y, Z12Z, Z130, Z131, Z132, Z133, Z134, Z135, Z136, Z137, Z138, Z139, Z13A, Z13B, Z13C, Z13E, Z13F, Z13G, Z13H, Z13J		8GB/16GB memory, 256GB/512GB/1TB/2TB SSD storage, enclosure color

## 2. Product Details

Product Type	Integrated Desktop	Display size (in)	23.5
Base Model(s) Tested	Z133	Display resolution (MP)	11.2896
Processor (Ghz)	3	Display Width Resolution (pixels)	4480
No. of processor cores	8	Display Height Resolution (pixels)	2520
Memory (GB)	16	External Graphics Dfx? If yes (specify model)	No
More than 1 Internal Storage?	No	External Graphics Data rate (MHz)	n/a
		External Data Width (bits)	n/a