Commission Regulation (EU) No 617/2013
Technical Documentation

Product Model Name:	Mac mini
Apple Model Number:	A2348
Product Type	Desktop
Product Category:	Category D
Manufacturer:	Apple
Address:	One Apple Park Way. Cupertino. CA95014 USA
Place of manufacture	China
Year of manufacture	2020

Energy Efficiency

Typical Energy Consumption (TEC) kWh/year	22.25
Off Power (W)	0.25
Sleep Power with Wake on LAN enabled (W)	0.68
Idle (W)	5.92
Test Methodology for product	IEC62623
Test Voltage and Frequency	230V/50 Hz
Total Harmonic Distortion	<2%
Internal Power Supply efficiency at 10%	85.07%
Internal Power Supply efficiency at 20%	90.16%
Internal Power Supply efficiency at 50%	93.07%
Internal Power Supply efficiency at 100%	91.61%
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 https://support.apple.com/en-us/HT202824

Non Energy Related Attributes

Noise level	Refer to Technical Specs page https://www.apple.com/mac-mini/specs/

1.　　Family of models

Product Model Name	Base Model Tested	Apple Part number	Apple Model Number	Difference between models
Mac mini	Z12P	MGNR3, MGNT3, Z12N, Z12P	A2348	Memory and storage

2.　　Product Details

Product Type	Desktop	**Display size (in)**	N/A
Base Model(s) Tested	Z12P	**Display resolution (MP)**	N/A
Processor (Ghz)	3.0	**Display Width Resolution (pixels)**	N/A
No. of processor cores	8	**Display Height Resolution (pixels)**	N/A
Memory (GB)	16	**External Graphics Dfx? If yes (specify model)**	N/A
More than 1 Internal Storage?	No	**External Graphics Data rate (MHz)**	N/A
		External Data Width (bits)	N/A