


Product model number	SDS-ONE APEX3-3
Year of manufacture	2014
Product type and category	Desktop computer, Category D
Manufacturer's name and address	SHIMA SEIKI MFG.,LTD. 85 Sakata Wakayama, JAPAN

**Test parameters for measurements**

VGA card	Standard	Hyper Simulation option
Setup and circuits used for electrical testing	 <p>Factory standard configuration ( Design system main unit, Monitor, Keyboard, Mouse, Tablet and Subkeyboard. )</p>	
Test parameters for measurements	Computer energy consumption is tested at 230 Volts / 50 Hz.	
Maximum THD	0.18%	
Ambient Temperature	26 degC	25 degC
Relative Humidity	45%	56%
Air Flow	0.05 m/s	0.05 m/s
Measurement methodology	IEC62623-2013 Warm-up for more than 30 min before measurement.	
How to enter off mode and/or sleep mode	Select Sleep or Shutdown from start menu.	

**COMMISSION REGULATION(EU) No 617/2013 of 26 June 2013**

VGA card	Standard	Hyper Simulation option	
Idle state power demand (W)	41.6146	41.44113	
Sleep mode with WOL enabled power demand (W)	1.492578	1.488955	
Sleep mode power demand (W)	1.191467	1.220025	
Off mode with WOL enabled power demand (W)	1.384052	1.361418	
Off mode power demand (W)	0.878952	0.875343	
E <sub>TEC</sub> (kWh/year)	(8760/1000) * (0.55*P <sub>OFF</sub> + 0.05*P <sub>SLEEP</sub> + 0.40*P <sub>IDLE</sub> )		
	WOL enabled	153.14	152.42
	WOL disabled	150.57	149.96

**User information**

Power Management energy-saving potential	You can help reduce electricity usage and its side effects by leaving the power-management features enabled and by turning off your product when it is not in use for extended periods of time.
Power management functionality	Select Sleep or Shutdown from start menu.

**Internal Power supply efficiency**

Efficiency, 230V/60Hz				Power Factor @100% Load
10% Load	20% Load	50% Load	100% Load	
82.52%	86.45%	86.96%	83.54%	0.99

**Noise levels (the declared A-weighted sound power level)**

VGA card	Standard	Hyper Simulation option
Test parameters for measurements	Computer energy consumption is tested at 230 Volts / 50 Hz.	
Measurement methodology	ISO7779(2010)	
Ambient Temperature	26 degC	
Relative Humidity	49%	
Test condition	File copy from DVD to HDD by Test Program.	
A-weighted sound power level	47.3 dB	45.9 dB