



Expand Your Imagination

REAL POWER PRO 1000W



www.cooler-master.com

RS-A00-EMBA

In order to satisfy more customers' demand for high-end PSU, CoolerMaster is announcing the new series of PSU-Real Power Pro to continue Real Power series' well reputation. It complies with the newest Intel standard ATX 12V V2.3 and SSI standard EPS 12V V2.91 simultaneously. In addition to the stable and clean power, the advanced features of this Power Supply include Quad GPU compatibility, Quad CPU support, and an 85% efficiency rating. With the world's first technology of six +12V rails, Real Power Pro provides to be a spectacular performer, especially for workstation and high-end graphic card system, which includes 4 connectors for the most powerful PCI Express VGA Card.



Features

1. World's first six +12V rails for better power distribution in Quad-SLI and 2 ways server system 
2. Four 6 pin PCI-e connectors offer great future upgradeability
3. Two 8 pin PCI-e connectors are compatible with future graphic card upgradeability 
4. Compliance with the newest Intel standard ATX 12V V 2.3
5. Compliance with the newest SSI standard EPS 12V V2.91
6. Ultra-silent operation with intelligent 135mm fan speed control (< 16dBA)
7. Eco-design for energy and money saving by Active PFC. (>0.99)/ high efficiency(>85%)
8. High Power Density (150*180*86 mm)
9. Power Failure Detector will light up when Over-Voltage, Under-Voltage, Over-Temperature, Over-Current, Over-Loading, and Short circuit occur.



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Specifications

Model	RS-A00-EMBA
Type	ATX Form Factor 12V V2.3 / SSI standard EPS 12V V2.91
PFC	Active PFC (0.99)
Input Voltage	90 ~ 264V (Auto Range)
Input Current	15A @ 115Vac / 8A @ 230Vac
Input Frequency Range	47 ~ 63 Hz
Fan	135mm super silent fan
Power Good Signal	100 ~ 500 ms
Hold Up Time	> 17 ms
Efficiency (Load)	>85% Typically
MTBF	>100,000 hrs
Output Capacity	1000 Watts Continuous
Max. Output Capacity	1200 Watts
Protection	OVP / OCP / OTP / OLP / SCP/UVP
Dimension	150 x 180 x 86 (mm)
Operation Temperature	0~50°C (Nominal Input Voltage)
Safety	CE / cUL / TUV / NEMKO / BSMI / FCC/CCC/C-tick

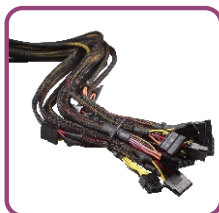
Support upto 10~12pcs USB Devices

- ◆ The newest Intel® standard ATX 12V V 2.2 / SSI standard EPS 12V V2.91
- ◆ With 5Vsb increasing from 2A to 3.5A, it could support up to 10~12pcs USB devices.
- ◆ USB devices could be charged when your PC is power off.

AC INPUT	115V / 230V 15A / 8A 60/50Hz									
DC OUTPUT	+3.3V	+5V	+12V ₁	+12V ₂	+12V ₃	+12V ₄	+12V ₅	+12V ₆	-12V	+5Vsb
Peak Current	40A	40A	18A	18A	28A	28A	18A	18A	0.8A	3.5A
Total Output	250W		960W						9.6W	17.5W
	1000W (Continuous)									



135mm silent fan(<16dBA) with exclusive fan grid



All Cable completely sleeved for neat management and airflow improvement



Honey Combs Structure & Power Failure Detector
(Red Light: Power off/ PSU Failure)
(Green Light: Power on/ Normal)



High Quality Electroplating



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Connector Solutions



24pin Motherboard Connector x1



4 pin +12V CPU Connector x1



8 pin +12V CPU Connector x1



6 pin PCI-e Connector x4



8 pin PCI-e Connector x2



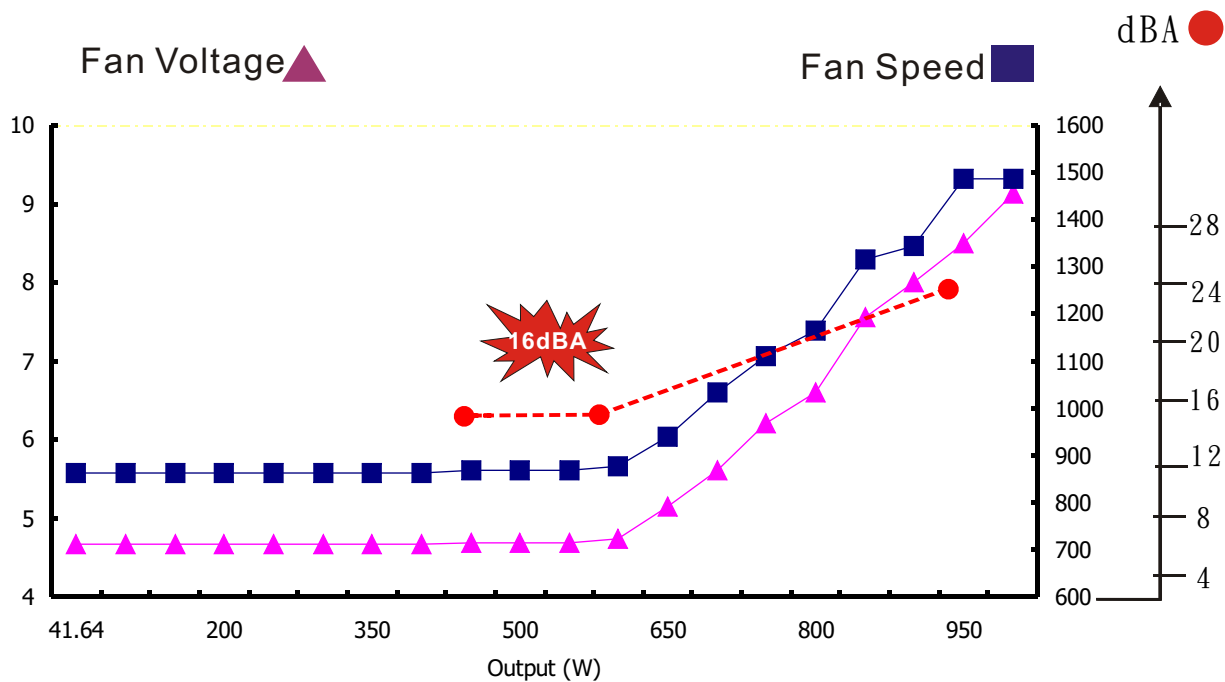
S-ATA Connector x8



4pin Peripheral Connector x6



4 pin Floppy Connector x2



Intelligent Fan Speed Control

