



## DA1000R Gold

### Cybenetics Gold 1000W PCIe 5.0 Fully Modular Power Supply



- Equipped with Gen5 12VHPWR PCIe connector, meeting Intel ATX 3.0 specification standard
- Cybenetics Gold efficiency certification
- 24/7 continuous power output with 50°C operating temperature
- Fully Modular design
- All Japanese electrolytic capacitors
- Ultra silent 135mm FDB fan with semi-fanless function

## Product Specifications

### Product No.

SST-DA1000R-GM

### Model (safety certification)

SST-AX1000MCGD-A

### Color

Black (lead-free paint)

### Max. DC Output

1000W

### Power density

517W per liter

### Load Range

Output	+3.3V	+5V	+12V	+5VSB	-12V
Max.(Amps)	22A	22A	83.5A	3A	0.3A
Min.(Amps)	0A	0A	0A	0A	0A
Range (%)	±3%	±3%	+5/-7%	±5%	±5%
Line Reg.(%)	±1%	±1%	±1%	±1%	±1%
Ripple(mVp-p)	30mV	30mV	70mV	40mV	40mV

### Combined +3.3V & +5V

120W

### Combined +12V

1000W

### Input Voltage

90 – 264 Vrms

### Input Frequency Range

47Hz – 63Hz

### PFC

Active PFC (PF>0.9 at full load)

### Efficiency

≥87% & <89% overall efficiency

### MTBF

100,000 hours

### Operating temperature

0°C – 50°C

### Protection

Over Current Protection  
Over Power Protection  
Over Voltage Protection  
Short Circuit Protection  
Under Voltage Protection  
Over Temperature Protection  
No load operation

### Connectors

1 x 24 / 20-Pin motherboard connector  
2 x 8 / 4-Pin EPS / ATX 12V connector  
6 x 8 / 6-Pin PCIe connectors  
1 x 12+4-Pin 12VHPWR connector  
12 x SATA connectors  
3 x 4-Pin Peripheral connector  
1 x 4-Pin Floppy connector

### Cooling System

Silent 135mm silent fan

### Noise Level

0 dBA minimum

### Certification

Cybenetics Gold

### Form factor

ATX (PS2)

### Dimension

150mm (W) × 86mm (H) × 150mm (D)  
5.91" (W) × 3.39" (H) × 5.91" (D)

### Weight

2.88 kg



### 12VHPWR PCIe connector supports ATX 3.0 specifications

The 12+4 pin (12VHPWR) design is capable of withstanding power failure caused by a running graphics card's instantaneous peak power consumption, whilst providing higher stability and efficiency power output for high-end systems

12VHPWR CONNECTOR

Intel ATX12V V3.0 support

PCIe Gen 5 standards

PSU LOAD	EFFICIENCY %
10%	89%
100%	87%

### Cybenetics Gold Certified

Designed for Cybenetics Gold level of efficiency to reduce wasted heat and save on electricity

### Fully modular design with universal EPS / PCIe connector interface

Flat cables have much greater flexibility to allow for tighter folding and management of cable