

HELA 850R Platinum

Cybenetics Platinum 850W PCIe 5.0 fully modular ATX PSU



- 100% modular cables
- Super flexible black flat cables
- All Japanese electrolytic capacitors
- Supports 12VHPWR PCIe connector with ATX 3.0 and PCIe Gen 5 standard
- 24/7 continuous power output with 50°C operating temperature
- 180° angled SATA connectors designed for stack mounted hard drives
- Ultra silent 135mm FDB fan with semi-fanless and delayed shut-off function

Product Specifications

Product No.

SST-HA850R-PT

Color

Black (lead-free paint)

Power density

439W per liter

Combined +3.3V & +5V

120W

Input Voltage

90 ~ 264 Vrms

PFC

Active PFC (PF>0.9 at full load)

MTBF

100,000 hrs

Protection

Over Current Protection
Over Power Protection
Over Voltage Protection
Over Temperature Protection
Short Circuit Protection
Under Voltage Protection

Cooling System

Silent 135mm FDB fan

Certification

Cybenetics Platinum

Dimension

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

Model (safety certification)

SST-AX0850MCPT-A

Max. DC Output

850W

Load Range

Output	+3.3V	+5V	+12V	+5VSB	-12V
Max.(Amps)	22A	22A	70.8A	3.0A	0.3A
Min.(Amps)	0A	0A	0A	0A	0A
Range (%)	±5%	±5%	+5/-7%	±10%	±5%
Line Reg.(%)	±1%	±1%	±1%	±1%	±1%
Ripple(mVp-p)	40mV	40mV	80mV	40mV	80mV

Combined +12V

849.6W

Input Frequency Range

47Hz ~ 63Hz

Efficiency

≥89% & <91% overall efficiency

Operating temperature

0°C ~ 50°C

Connectors

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

Noise Level

0 dBA minimum

Form factor

ATX (PS2)

Weight

2.56 kg



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12VHPWR PCIe connector supports ATX 3.0 and PCIe Gen5 standards

The 16 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.



Cybenetics Platinum Certified

Designed for Cybenetics Platinum 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

