



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

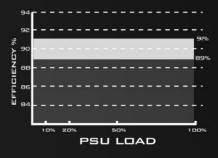
Product No. SST-HA850R-PT	Model (safety certification) SST-AX08S0MCPT-A
Color	Max. DC Output
Black (lead-free paint)	850W
Power density	Load Range
439W per liter	Output +3.3V +5V +12V +5VSB -12V Max.(Amps) 22A 22A 70.8A 3.0A 0.3A Min.(Amps) 0A 0A 0A 0A 0A Range (%) ±5% ±5% ±5/-7% ±10% ±5% Line Reg.(%) ±1% ±1% ±1% ±1% ±1% 21% Ripple(mVp-p) 40mV 40mV 80mV 40mV 80mV
Combined +3.3V & +5V 120W	Combined +12V 849.6W
nput Voltage 10 ~ 264 Vrms	Input Frequency Range 47Hz ~ 63Hz
PFC Active PFC (PF>0.9 at full load)	Efficiency ≥89% & <91% overall efficiency
MTBF 00,000 hrs	Operating temperature 0°C – 50°C
Protection	Connectors
Over Current Protection Over Power Protection Over Voltage Protection Over Voltage Protection Short Circuit Protection Under Voltage Protection	1 x 24 / 20-Pin motherboard connector 2 x 8 / 4-Pin EPS / ATX 12V connectors 1 x 12+4-Pin 12V-PPWR connector 5 x 8 / 6-Pin PCIe connectors 8 x SATA connectors 6 x 4-Pin Peripheral connectors 2 x 4-Pin Floppy connectors
Cooling System	Noise Level
Silent 135mm FDB fan	0 dBA minimum
Certification Cybenetics Platinum	Form factor ATX (PS2)
Dimension	Weight
150 mm (W) x 86 mm (H) x 150 mm (D) 5.91" (W) x 3.39" (H) x 5.91" (D)	2.56 kg





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



