



HELA 1650R Platinum Cybenetics Platinum 1650W PCIe 5 Fully Modular ATX (PS2) Power Supply

- Supports 12V-2x6 PCIe connector with ATX 3.1 and PCIe Gen 5 standard
- High efficiency with Cybenetics Platinum certification
- 24/7 continuous power output with 50°C operating temperature
- Fully modular design with SilverStone' s 3rd generation modular interface
- Silent-running 140mm FDB fan with delayed shut-off function
- All black flat cables

Specifications

Product No.	SST-HA1650R-PM
Model (safety certification)	SST-AX1650MCPT-A
Color	Black (lead-free paint)
Max. DC Output	1650W
Power density	710.6W/L
Combined +3.3V & +5V	130W
Combined +12V	1650W
Input Voltage	1650W: 103~264 Vrms 1350W: 90~264 Vrms
Input Frequency Range	47Hz ~ 63Hz
PFC	Active PFC (PF>0.9 at full load)
Efficiency	89% ~ 91% 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
	Over Temperature Protection
	Under Voltage Protection
Connectors	1 x 24 / 20-Pin motherboard connector
	2 x 8 / 4-Pin EPS / ATX 12V connectors
	9 x 8 / 6-Pin PCIe connectors
	2 x 12+4-Pin 12V-2x6 connectors
	16 x SATA connectors
	6 x 4-Pin Peripheral connector
	1 x 4-Pin Floppy adapter connector
Cooling System	Silent 140mm FDB fan
Form factor	ATX (PS2)
Noise Level	18 dBA minimum
Dimension	150mm (W) x 86mm (H) x 180mm (D)
	5.91" (W) x 2.5" (H) x 7.1" (D)
Weight	2.09 kg
Certification	Cybenetics Platinum

Load Range

	+3.3V	+5V	+12V	+5VSB	-12V
Max.(Amps)	25A	25A	137.5A	3A	0.3A
Peak (Amps)	/	/	/	/	/
Min.(Amps)	0A	0A	0A	0A	0A
Range (%)	±3%	±3%	±3%	±5%	±3%
Line Reg.(%)	±1%	±1%	±1%	±1%	±1%
Ripple(mVp-p)	40mV	40mV	80mV	40mV	80mV

12V-2x6 PCIe connector with ATX 3.1 and PCIe Gen5 standards

Easily and efficiently power high-end systems with the latest graphics cards.



High reliability cooling fan with delayed shut-off function

Equipped with a 140mm FDB bearing fan that delivers exceptional airflow and operates quietly. It also features a delayed shut-off function, which extends the cooling process after the system powers down, helping to dissipate residual heat and protect sensitive components.

