



ZEUS 1650R Titanium 80 PLUS Titanium 1650W ATX 3.1 & PCIe 5 Fully Modular ATX Power Supply

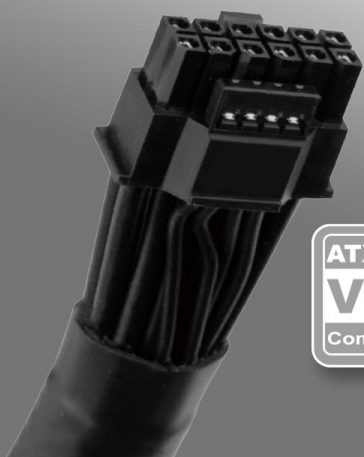
- Compliant with ATX 3.1 and PCIe Gen 5 standards, supporting 12V-2x6 PCIe connectors
- Latest PCIe Gen 5 standard to support up to 2x power excursion
- High efficiency with 80 PLUS Titanium certification
- 24/7 continuous power output with 50°C operating temperature
- Fully modular design with SilverStone's 3rd generation modular interface
- Silent running 135mm FDB fan with 3-type fan switch
- All Japanese electrolytic capacitors
- Compact design with a 180mm depth for easy system integration

Specifications

Product No.	SST-ZU1650R-TM
Model (safety certification)	SST-AX1650MCTI-B
Color	Black (lead-free paint)
Max. DC Output	1650W
Power density	710.6W/L
Combined +3.3V & +5V	120W
Combined +12V	1650W
Input Voltage	90~264 Vrms
Input Frequency Range	47Hz ~ 63Hz
PFC	Active PFC (PF>0.9 at full load)
Efficiency	91% ~ 93% overall efficiency
MTBF	100,000 hours
Operating temperature	0°C ~ 50°C
Protection	Over Current Protection
	Over Power Protection
	Over Voltage Protection
	Over Temperature Protection
	Short Circuit Protection
Connectors	Under Voltage Protection
	No load operation
	1 x 24 / 20-Pin motherboard connector
	2 x 8 / 4-Pin EPS / ATX 12V connector
	3 x 12+4-Pin 12V-2x6 connectors
Cooling System	12 x 8 / 6-Pin PCIe connectors
	16 x SATA connectors
	6 x 4-Pin Peripheral connectors
	135mm dual ball bearing 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	3.87 kg
Certification	80 PLUS Titanium

Load Range

	+3.3V	+5V	+12V	+5VSB	-12V
Max.(Amps)	22A	22A	137.5A	3.0A	0.5A
Peak (Amps)	/	/	/	/	/
Min.(Amps)	0A	0A	0A	0A	0A
Range (%)	±3%	±3%	±3%	±3%	±8%
Line Reg.(%)	±1%	±1%	±1%	±1%	±1%
Ripple(mVp-p)	30mV	30mV	30mV	30mV	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 3-mode fan switch

Equipped with a built-in 135mm FDB bearing fan that offers exceptional airflow, operates quietly, and features a convenient 3-mode fan switch, making it an ideal choice for noise-sensitive environments like homes or offices.