

Triton 750Rx

- Equipped and meeting Intel ATX 3.1 specification standard with Gen5 12V-2x6 PCIe connector
- Latest PCIe Gen 5 standard to support up to 2X power excursion
- Silent running 120mm ICB cooling fan
- Black embossed cable design
- Main Japanese electrolytic capacitors
- High efficiency with Cybenetics Gold certification
- 24/7 continuous power output with 40°C operating temperature
- Compact design with a 140mm depth for easy integration



Specifications

Model No.	SST-TT750R-GF
Model (on safety)	SST-AX0750FCGD-A
Color	Black (lead-free paint)
Max DC output	750W
Power density	415.3W/L
Combined +3.3, +5V	100W
Combined +12V	750W
Input voltage	90 ~ 264 Vrms
Input frequency range	47Hz ~ 63Hz
PFC	Active PFC (PF>0.9 at full load)
Efficiency	≥87% & <89%
MTBF	100,000 hrs
Operating temperature	0°C ~ 40°C
Protections	Over power protection
	Over current protection
	Over voltage protection
	Short circuit protection
	Under voltage protection
Connectors	Over Temperature protection
	1 x 24 / 20-Pin motherboard connector
	2 x 8 / 4-Pin EPS / ATX 12V connector
	1 x 12+4-Pin 12V-2x6 connector
	3 x 8 / 6-Pin PCIe connectors
	6 x SATA connector
Cooling system	2 x 4-Pin Peripheral connector
	Single 120mm ICB bearing fan
Form factor	ATX (PS2)
Noise Level	18 dBA minimum
Dimension	150mm (W) x 86mm (H) x 140mm (D)
	5.91" (W) x 3.39" (H) x 5.51" (D)
Weight	1.56 kg
Certification	Cybenetics Gold

Load Range

	+3.3V	+5V	+12V	+5VSB	-12V
Max. (Amps)	18A	18A	62.5A	3A	0.3A
Peak (Amps)	/	/	/	/	/
Min. (Amps)	0A	0A	0A	0A	0A
Range (%)	±5%	±5%	±5%	±5%	±10%
Line reg. (%)	±1%	±1%	±1%	±1%	±1%
Ripple (mVp-p)	50mV	50mV	120mV	50mV	120mV



Latest Generation Power Performance

Compliant with ATX 3.1 standards and supports up to 2X power excursion

Silent 120mm ICB fan

Built-in 120mm fan has excellent airflow and low noise, perfect for quiet home or office use

