DA750R Gold

80 PLUS Gold 750W ATX 3.0 & PCIe 5.0 Fully Modular Power Supply

- 80 PLUS Gold efficiency certification
- Equipped with Gen5 12V-2x6 PCIe connector, meeting Intel ATX 3.0 specification standard
- Latest PCIe Gen 5 standard to support up to 2X power excursion
- 24/7 continuous power output with 50℃ operating temperature
- Silent running 120mm fan with advanced semi-fanless operation
- Compact design with a 140mm depth for easy integration

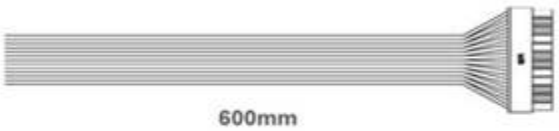
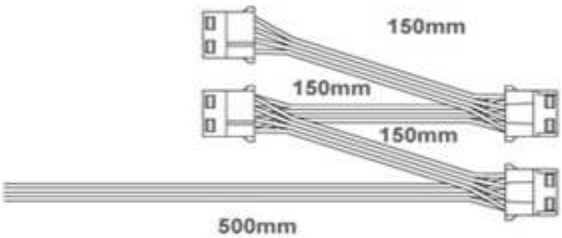
Specifications

Model No.	SST-DA750R-GMA-WWW (White) SST-DA750R-GMA (Black)
Model (on safety)	SST-AX0750MCGD-C
Color	White (lead-free paint) Black (lead-free paint)
Max DC output	750W
Power density	415W/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 ~ 50°C
Protections	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 connector 4 x 8 / 6-Pin PCIe connectors 1 x 12V-2x6 connector 8 x SATA connectors 4 x 4-Pin Peripheral connector
Cooling system	Silent 120mm fan
Form factor	ATX (PS2)
Noise Level	0 dBA minimum
Dimension	150mm (W) × 86mm (H) × 140mm (D)
Weight	2.08 kg
Certification	80 PLUS Gold

Load Range

	+3.3V	+5V	+12V	+5VSB	-12V
Max. (Amps)	20A	20A	62.5A	3A	0.3A
Peak (Amps)	/	/	/	/	3.0A
Min. (Amps)	0A	0A	0A	0A	0A
Range (%)	±3%	±3%	±5%-7%	±5%	±8%
Line reg. (%)	±1%	±1%	±1%	±1%	±1%
Ripple (mVp-p)	40mV	40mV	80mV	40mV	80mV

Connectors / Cable

Photo	Type	Connector quantity per cable	Cable quantity	Length
	24 Pin motherboard connector	1	1	
	CPU 4+4P connector	1	2	
	12V-2x6 connector	1	1	
	PCIe 6+2P connector	2	2	
	Peripheral 4P connector	4	1	
	SATA connector	4	2	