



Silverstone SST-ST40NF "Nightjar" 400 Watt NO NOISE (PFC) Fanless Power Supply

\$156.95

Product Images





Short Description

As a step-up from the venerable ST30NF, SilverStone's first fan-less power supply, the newer Nightjar series ST40NF achieves its continuous power output up to 400W. This is the power level that has become the mainstream application for a new generation of silent computers. By again combining superior server-level components and advanced technical design, the ST40NF has high reliability and efficiency. It can maintain 82%~86% efficiency at 20%~100% loading, earning it 80 PLUS Bronze certification. Coupled with single PCI-E 8 pin connector and dual PCI-E 6pin connectors, the ST40NF can also support high-end graphics cards if needed. For silent enthusiasts or audio/video professionals, getting this power supply will certainly be one of the most important upgrade in completing a truly silent computing environment.

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Features

- Fan-less thermal solution, 0 dBA acoustics.
- Efficiency 82%~86% at 20%~100% loading with 80 PLUS Bronze certification
- 400W continuous power output

- Strict $\pm 3\%$ voltage regulation
- Single PCI-E 8pin and dual PCI-E 6pin support High-end GPU
- Aluminum construction
- Server-level components
- Support ATX 12V 2.3 & EPS 12V
- Active PFC

Specifications

Model No.		SST-ST40NF							
Max. DC Output		400W							
Load Range									
	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	+5VSB	-12V	-5V
Max.(Amps)	20A	14A	27A	/	/	/	2.5A	0.5A	/
Peak (Amps)	/	/	31.5A	/	/	/	3.5A	/	/
Min.(Amps)	0A	0A	0.2A	/	/	/	0A	0A	/
Range (%)	+/-3%	+/-3%	+/-3%	/	/	/	+/-5%	+/-10%	/
Line Reg.(%)	+/-1%	+/-1%	+/-1%	/	/	/	+/-1%	+/-1%	/
Ripple(mVp-p)	50mV	50mV	120mV	/	/	/	50mV	120mV	/
combined +3.3, +5V		130W Max							
combined +12V		324W(27A)							
Input Voltage		99V ~ 264V							
Input Frequency Range		47Hz ~ 63Hz							
PFC		Active PFC (PF>0.99 at full load)							
Efficiency		82%~86% at 20%~100% loading							
MTBF		100,000 hours at 25°C (at full load)							
Operating temperature		0 ~ 40°C							
Protection		Over current protection, Over power protection, Over voltage protection, Short circuit protection							
Connectors		1 x 24 / 20-Pin Motherboard connector. (550mm) 1 x 8 / 4-Pin EPS / ATX 12V connector. (550mm) 1 x 6-Pin PCIE connector. (500mm / 150mm) 1 x 8 / 6-Pin PCIE connector. (500mm) 6 x SATA connector. (500mm / 150mm / 150mm) 6 x 4-Pin Peripheral connector. (500mm / 250mm / 150mm) 2 x 4-Pin Floppy connector. (500mm / 250mm / 150mm / 150mm)							
Color		Silver							
Cooling System		Fan Less thermal solution							
Noise Level		0 dBA							
Dimension		150 mm (W) x 86 mm (H) x 160 mm (D)							
Weight		3.0 kg							
Certification		80 PLUS Bronze							
Other		GPU Support list							

Additional Information

Brand	SilverStone Technology
SKU	SST-ST40NF-D
Weight	6.0000
Color	Silver
PSU Type	ATX
PSU Style	Non-Modular
PSU Wattage	400W
PSU Efficiency	80 PLUS Bronze

