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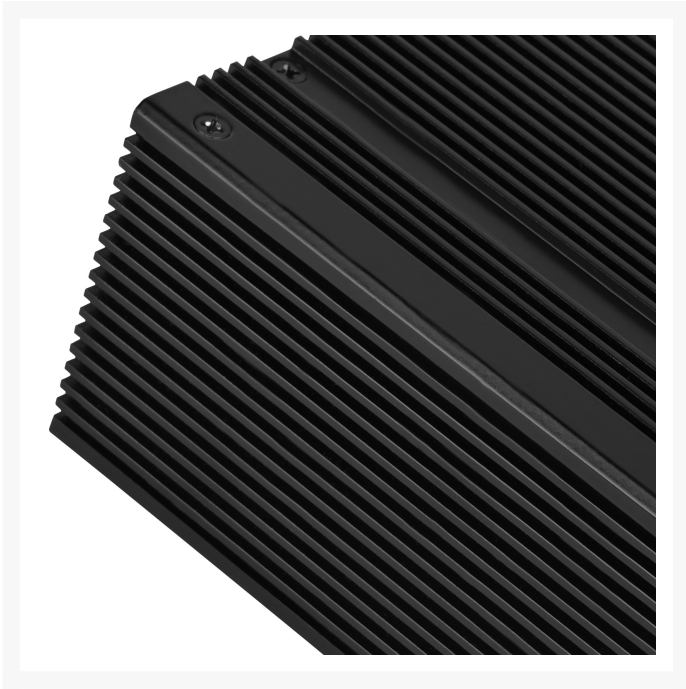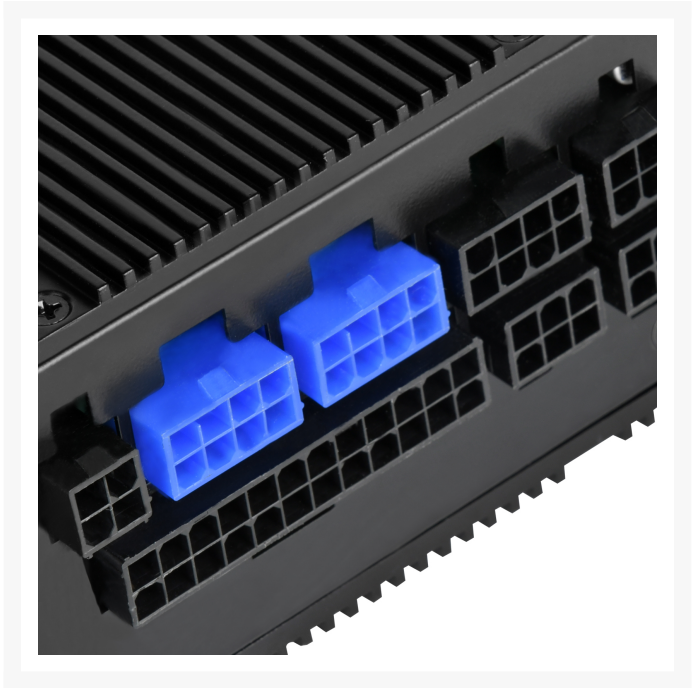
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Silverstone Nightjar 450W 80 PLUS Platinum Fanless Power Supply

Special Price
$189.59 was
$236.99

Product Images

Short Description

SilverStone creates another milestone for small form factor PCs once again with a Nightjar fanless power supply entry, the NJ450-SXL. In pursuit of crafting the ultimate SFX-class sized silent PSU, SilverStone engineers employed premium components and innovative engineering to achieve the first ever fanless SFX-L design.

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Features

- Fan-less thermal solution, 0 dBA acoustics

- SFX-L form factor for use in small form factor computers

- High efficiency with 80 PLUS Platinum level of efficiency

- 100% modular short cables with flexible flat arrays

- 24/7 continuous power output with 40°C operating temperature

- Class-leading single +12V rail

- PCI-E 8pin and PCI-E 6pin connectors support

Specifications

Model No.	SST-NJ450-SXL				
Max. DC Output	450W				
Power density	436W per liter				
Load Range					
	+3.3V	+5V	+12V	+5VSB	-12V
Max.(Amps)	16A	15A	37.5A	2.5A	0.3A
Peak (Amps)	/	/	/	3.0A	/
Min.(Amps)	0A	0A	0A	0A	0A
Range (%)	±3%	±3%	±3%	±5%	±10%
Line Reg.(%)	±1%	±1%	±1%	±1%	±1%
Ripple(mVp-p)	50mV	50mV	120mV	50mV	120mV
Color	Black				
Combined +3.3V & +5V	100W				
Combined +12V	450W				
Input Voltage	90V ~ 264V				

Input Frequency Range	47Hz ~ 63Hz
PFC	Active PFC (PF>0.9 at full load)
Efficiency	89%~92% at 20%~100% loading
MTBF	100,000 hours
Operating temperature	0 ~ 40°C
Protection	Over Current Protection Over Power Protection Over Voltage Protection Short Circuit Protection Over Temperature Protection
Connectors	1 x 24 / 20 -Pin motherboard connector（300mm） 1 x 8 / 4-Pin EPS / ATX 12V connector（400mm） 4 x 8 / 6-Pin PCIE connector（"400mm / 150mm" x 2） 8 x SATA connector（"300mm / 200mm / 100mm / 100mm" x 2） 3 x 4-Pin Peripheral connector（300mm / 200mm / 200mm） 1 x 4-Pin Floppy connector（100mm）
Cooling System	Fan Less thermal solution
Form factor	SFX-L
Noise Level	0 dBA
Dimension	130 mm (W) x 63.5 mm (H) x 125 mm (D) 5.12" (W) x 2.5" (H) x 4.92" (D)
Weight	1.52 kg
Certification	80 PLUS Platinum
Other	GPU Support list Compatible with ATX12V v2.4

● Specifications presented on this page contains most recent revisions and may differ from those printed on retail boxes or manuals.

Additional Information

Brand	SilverStone Technology
SKU	SST-NJ450-SXL
Weight	6.0000
Color	Black
PSU Type	ATX
PSU Style	Modular
PSU Wattage	450W
PSU Efficiency	80 PLUS Platinum
Vendor SKU/EAN	844761016180
Special Price	$189.59