



SILVERSTONE[®]
Designing Inspiration

The premier Mini-ITX chassis

SG06

INCLUDES **80 PLUS**
CERTIFIED SFX 300W PSU



SPECIAL FEATURES

- Ample space for CPU cooling (82mm in height)
- Elevated standoff for motherboard back side components
- 120mm fan with golf blades for superior quietness and performance
- Support 2.5" and 3.5" hard drives
- Mini-DTX / Mini-ITX motherboard compatible
- 80 PLUS certified SFX 300W power supply included
- Standard-length expansion cards support (10 inches)

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SPECIFICATIONS:

Model	SST-SG06B (black) / SST-SG06S (silver) SST-SG06B-USB 3.0 (black) / SST-SG06S-USB 3.0 (silver)
Material	Aluminum front panel, 0.6mm SECC body
Motherboard	Mini-DTX, Mini-ITX
Drive Bay	External Slim optical x 1 Internal 3.5"x 1 , 2.5"x1
Cooling System	Front 1 x 120mm intake fan 1200rpm Sides Oversized vents Top Oversized vents
Expansion Slot	2
Front I/O Port	USB 2.0 x 2 (SST-SG06B, SST-SG06S only) USB 3.0 x 2 (SST-SG06B-USB 3.0, SST-SG06S-USB 3.0 only) Audio x 1 MIC x 1
Power Supply	SFX 300W with 80 PLUS certification
Expansion Card	Standard size long cards capable (10")* width restriction-5.11"
Dimension	220 mm (W) x 177 mm (H) x 286 mm (D), 11.1 liters

Specifications of Power Supply (Optional)

Max. DC Output 300W							
Load Range							
	+3.3V	+V	+12V1	+12V2	+5VSB	-12V	-5V
Max.(Amps)	20A	22A	14A	16A	2.5A	0.5A	-
Peak (Amps)	/	/	19A	19A	3A	-	-
Min.(Amps)	0.5A	0.5A	1A	1A	0A	0A	-
Range (%)	+/-5%	+/-5%	+/-5%	+/-5%	+/-5%	+/-10%	-
Ripple(mVp-p)	70mV	70mV	140mV	140mV	70mV	70mV	-
Combined +3.3, +5V	125W			Connectors	1 x 24-pin motherboard connector (300mm) 1 x 4-pin ATX12V connector (300mm) 1 x 6-pin PCI-E connector (300mm) 1 x dual SATA connector (150mm +150mm) 1 x dual 4-pin IDE (300mm + 150mm) 1 x 4-pin IDE & single floppy power connectors (300mm + 150mm)		
Combined +12V	22A / 264W			Color	SECC		
Input Voltage	90V ~ 264V (Auto Range)			Cooling System	Single 80mm fan		
Input Frequency Range	47Hz ~ 63Hz			Noise Level	19 dBA minimum		
PFC	Active PFC (PF>0.95 at full load)			Dimension	125 mm (W) x 63.5 mm (H) x 100 mm (D)		
Efficiency	over 80% (20% to 100% loading)			Weight	940g		
MTBF	100,000 hours at 25°C, full load			Certification	80 PLUS		
Operating temperature	0 ~ 50°C						
Protection	Over current protection, Over power protection, Over voltage protection, Short circuit						

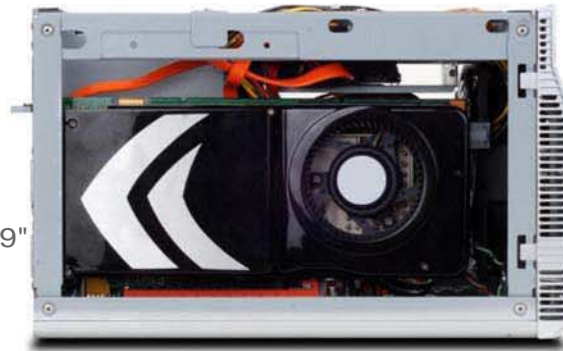
INTRODUCTION

Designed for use with Mini-DTX and Mini-ITX motherboards, the SG06, like the SG05 is the smallest Sugo yet. Compared with Micro-ATX iterations at around 23 liters in volume, the SG06 at 11.1 liters is less than half the size! In keeping with the spirit of its Sugo name, the case is capable of swallowing many standard components while keeping everything cooled. The SG06 is equipped with a low speed 120mm fan that utilizes golf blades for exceptional quietness to airflow. As in the SG05, the fan is mounted in the front drawing air into the case to create positive air pressure cooling. Other notable features that are shared with the SG05 include the ability to accept 9 inch long graphics card, room for thicker 2.5 inch hard drives such as Western Digital's VelociRaptor™, full-height for retail boxed CPU coolers, and an 80 PLUS certified SFX 300W power supply tuned by SilverStone for improved quietness and performance (300 W continuous rated at 50°C). For building a fast PC in the smallest possible form factor and with great styling, there is nothing better than the SG06.



Graphic card length reference:

- * ATI Radeon HD 5670 - 6.7"
- * ATI Radeon HD 5750 - 8.15"
- * ATI Radeon HD 4850/4830/5770 - 9"
- * ATI Radeon HD 5850 - 9.5"
(ST45SF PSU recommended)
- * NVIDIA GeForce GTX 680 - 10"
- * NVIDIA GeForce 9800GT - 9"
- * NVIDIA GeForce 9600GT/GSO - 9"
- * NVIDIA GeForce 8800GS/GT/GTS - 9"
- * NVIDIA GeForce GTS 250 - 9"
- * NVIDIA GeForce GTX 460 - 8.25"
(ST45SF PSU recommended)



Remark

- * CPU cooler cannot exceed 82mm in height
- * We recommend CP08 90°C degree SATA cable for installing extension expansion card in SG06.
- * Get a Sugo Pack to conveniently take your two SG06 anywhere you go.

Get a SilverStone slim optical drive to complete your SG05 system build:

- Slot loading DVD drive - SOD02
- Slot loading Blu-ray drive - SOB02



CP08



Sugo Pack