SilverStone®

Designing Inspiration

SUGO SERIES

Redefining performance in small form factor computing

SG09

USB 3.0 Ready!

SPECIAL FEATURES

Support graphics cards of any length

Support full tower CPU coolers

Support Strider Plus PSUs up to 1000W

Mandatory cable routing design

Ample fan slots for maximum airflow

Motherboard back plate opening behind CPU area for quick cooler assembly

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SPECIFICATIONS

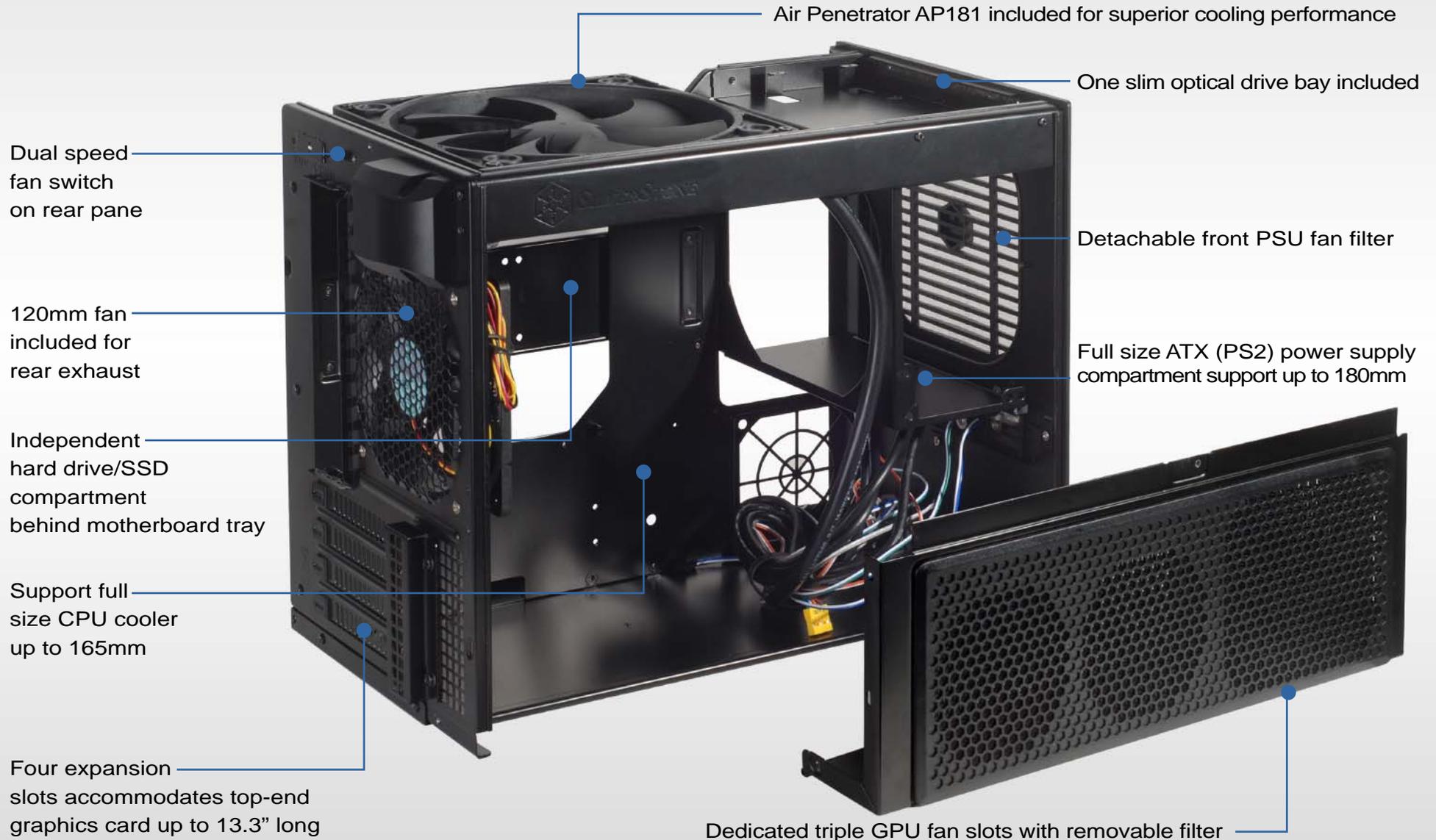|		
Model	SST-SG09B (Black)	
Material	Plastic front panel and steel body	
Motherboard	Micro ATX, Mini-DTX, Mini-ITX	
Drive Bay	Exposed	12.7mm/9.5mm slim optical drive x 1
	Internal	3.5" x 2 * , 2.5" x 4*
Cooling System	Rear	1 x 120mm 1200rpm 22dBA
	Top	180mm Air Penetrator 700/1200rpm, 18/34dBA (backward compatible with 140mm)
	Left	1 x 120mm 1200rpm 22dBA (backward compatible with 92mm) 2 x 80/92mm fan slot
	Right	80mm fan slot
Expansion Slot	4	
Front I/O Port	USB 3.0 x 2 (backwards compatible with USB 2.0) audio x 1 MIC x 1	
Power Supply	Optional standard PS2 (ATX) up to 180mm*	
Expansion Card	Compatible up to 13.3" long	
Net Weight	5.3kg	
Extra	support two Kensington locks	
Dimension	220mm (W) x 295mm (H) x 354mm (D)	

*If you intend to utilize all hard drive slots, please remove all unused power supply cables. These unused cables may cause problem with the installation. SSDs are highly recommended in place of hard drives.

*Maximum length for PSU is 180mm, we recommend 160mm due to varying connector locations on PSUs and the unique structure of SG09. We do not promise that all retail PSUs on the market can be installed in the SG09. Please refer the guides provided in this manual to select your PSU.

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Air Penetrator AP181 included for superior cooling performance

One slim optical drive bay included

Dual speed fan switch on rear pane

Detachable front PSU fan filter

120mm fan included for rear exhaust

Full size ATX (PS2) power supply compartment support up to 180mm

Independent hard drive/SSD compartment behind motherboard tray

Support full size CPU cooler up to 165mm

Four expansion slots accommodates top-end graphics card up to 13.3" long

Dedicated triple GPU fan slots with removable filter

Designed for advanced PC builder
Higher degree of assembly skill recommended

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INTRODUCTION

How much performance and components can you reasonably fit in a 23 liter enclosure? That was the question SilverStone engineers asked themselves when designing the ninth edition of SilverStone's Sugo series chassis. In a very limited space of 23 liters, which SilverStone defined as the limit for classifying a chassis as small form factor or SFF, the Sugo SG09 achieved performance never before seen for a computer chassis of this size. By slightly reducing storage capacity via relocation to motherboard backside mounting, the SG09 can accommodate two 13.3 inches long graphic cards with handles (longest under PCI-Express specification) with cooling provided by four fan slots. Having the power supply location moved away from above the CPU area has also increased CPU cooler's height limit to 165mm, which is sufficient for nearly all tower CPU coolers on the market.

Designing a 23 liter chassis that can fit high-end components and cool well requires rethinking of layout that is substantially different from traditional chassis. Even experienced computer builders are recommended to take a closer look at the included instruction manual as it contains valuable information on how to build with the SG09. Although limited in space, good cable routing is still possible by using SilverStone's PP05 short cable kit in conjunction with the mandatory cable routing design. For those looking to challenge their own PC building skills in return for a superbly packaged machine that has uncompromised performance and is portable, the Sugo SG09 is the one to get.

RECOMMENDED PRODUCTS

AP182
Equip your SG09 with AP182 for crazy airflow

180MM

SUSCOOL81
Equip your SG09 with Suscool 81 for the ultimate combination of quietness and performance

80MM

Sugo Pack
Get a Sugo Pack to conveniently take your SG09 anywhere you go

CLEARCMOS
Get a SST-CLEARCMOS add-on to conveniently clear CMOS without opening the case

PP05
Combine PP05 with a compatible Strider series PSU for the ultimate SFF power source

HE01
Twin tower cooler for maximum cooling performance