



RM51

5U rackmount server chassis with dual 180mm fans and enhanced liquid cooling compatibility



- Supports up to SSI-EEB motherboards
- Includes 2 x Air Penetrator 184i PRO fans for superior air intake
- Supports 360mm liquid cooling radiator
- 8 PCI expansion slots
- Reserved sliding rail mounting holes for quick rail installation
- Includes one USB Type-C interface
- Upright or horizontal placement flexibility
- Secondary PSU can be installed if 3.5" drive cage is to be left unoccupied

Product Specifications

Model No.

SST-RM51

Motherboard

SSI-EEB, SSI-CEB, Extended ATX, ATX, Micro-ATX, Mini-ITX

Drive Bay

Internal 3.5" x 2 (compatible with 2.5" x 3) + 3.5" x 2 (compatible with SFX PSU)
2.5" x 4

Limitation of PSU

160mm~190mm
(Removal of 3.5" drive cage eliminates PSU depth limitation)

Radiator support

Front 120mm x 3 / 120mm x 1 + 240mm x 1 / 360mm x 1 (120mm x 3) / 360mm x 1
(180mm x 2)
Rear 120mm x 1

Expansion card

Length: 455mm (without installing front fans and radiators)
Width w/ expansion card retainer: 157mm
Width w/o expansion card retainer: 198mm

Front I/O Port

USB Type-C x 1
USB 3.0 x 2

Dimension

Incl. rear fan cage: 440mm (W) x 220mm (H) x 465mm (D), 46.95 liters
Excl. rear fan cage: 440mm (W) x 220mm (H) x 530mm (D), 51.3 liters
Incl. rear fan cage: 17.3" (W), 8.68" (H), 19.1" (D)
Excl. rear fan cage: 17.3" (W), 8.68" (H), 20.87" (D)

Extra

Side switch for chassis intrusion security

Chassis form factor

5U

Material

Steel

Power Supply

Primary PSU slot: PS2 (ATX) / Mini Redundant
Secondary PSU slot: SFX (occupies 3.5" bracket)

Cooling system

Front 120mm x 3 / 180mm x 2
(2 x Air Penetrator 184i PRO fans included)
Rear Rear I/O: 120mm x 1 / 140mm x 1
Rear fan cage: 80mm x 2

Limitation of CPU cooler

Height w/ expansion card retainer: 181mm
Height w/o expansion card retainer: 192mm

Expansion Slot

8

LED indicator

Power status x 1
HDD activity x 1
LAN activity x 2

Net Weight

10.6 kg



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Dual-purpose chassis – Industrial / Home

Designed for industrial rackmount or high-end home system usage, which can be placed in vertical or horizontal orientations.



Unparalleled rackmount cooling performance

2 x Air Penetrator 184i PRO fans pre-installed to provide excellent system cooling.

Downward compatible with 3 x 120mm fans which also allows for triple 120mm or dual 180mm liquid cooling radiator.



Tremendous hardware versatility

An internal 3.5" drive cage allows installation of 2 x 3.5" HDDs. If it's to be left unoccupied, enables the option of installing a secondary PSU in SFX form factor.

