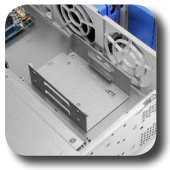
RM23616

2U 16-bay 2.5" High Disk I/O Performance Server Chassis

Features & Benefits

- Supports 16-bay 2.5" HDD configuration and removable drive cage for two 2.5" HDD and one slim ODD
- Supports 12Gb/s 16-port backplane with SAS Expander
- Anti-vibration and hot-swap middle fans with smart speed control (on backplane)
- Easy-swap 3-slot (Riser) or 7-slot(Low profile) rear window
- Supports 2U single or 1+1 redundant PSU

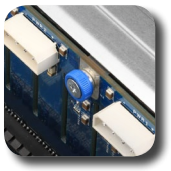


Optional internal 2.5” HDD cage

12Gb/s backplane with SAS expander controller

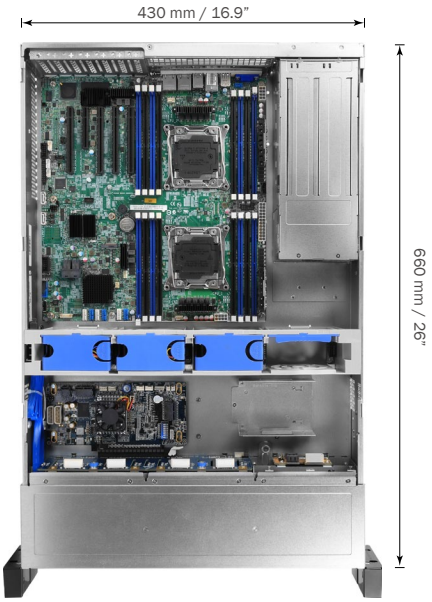
Optional drive cage for 2 x 2.5" hot-swap HDD +1 x slim ODD

Air baffle to prevent air circulation

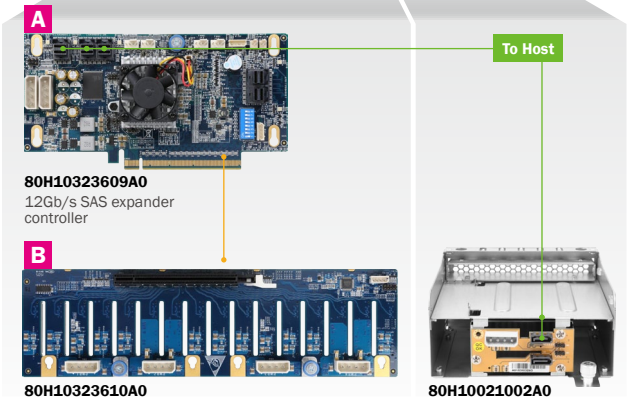


Tool-less backplane installation

Tool-less ODD drive cage



Backplane wiring diagram



80H10323609A0
12Gb/s SAS expander controller

80H10323610A0
16-port 12Gb/s passive backplane

80H10021002A0
2-port 6Gb/s SATA backplane

Specification

M/B Form Factor	• Extended ATX (12” x 13”)
Dimension (D x W x H)	• 660 x 430 x 88 (mm), 26” x 16.9” x 3.5”
Drive Bay	• 16x 2.5” Hot-swap, 2x 2.5” Hot-swap + 1x slim ODD • 2x 2.5” Internal HDD (Option)
PSU Form Factor	• 2U Single or 1+1 Redundant
Indicators	• 1x Power Status, 2x LAN Activity, 1x Fan Failure & Overheat
Front Control	• Power On/Off, Alarm Mute, System Reset, 2x USB 3.0
Cooling Fans	• Middle: 3x 80mm (Up to T=38mm), PWM, Rear: 2x 40mm (Option)
System Security	• Intrusion Switch (Option)
Slot Opening	• 3x full height and length or 7x low profile
HDD Backplane	• 12Gb/s SAS expander module
Metal Thickness	• 1.2mm
Materials	• SGCC
Net Weight	• 11 kg
Gross Weight	• 12.7 kg
Cubic Feet	• 4.98
Container Info.*	• 20':314, 40':638, 40'H:690

*Single Packing

Host Interface	A	• 3x Mini SAS HD (SFF8643)
HDD Interface	B	• 2.5" SAS/SATA
SAS Expander	A	• LSI SAS3x36R (12Gb/s)
PCB layer	A B	• 8
Features	A	• SGPIO / SES / Enclosure Management / Smart Fan / HDD Status Indicator / T-10 Zoning / I2C

Order Information

Order Code	M/B	Backplane	Cooling Fan(mm)	PCI Slot	PSU	Slide Rail
RM23616E3	12" x 13"	12Gb/s SAS expander module	3 x 8032	7 x LP	Option	Option
RM23616E3-R700	12" x 13"	12Gb/s SAS expander module	3 x 8032	7 x LP	700W	Included