



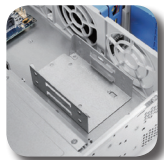
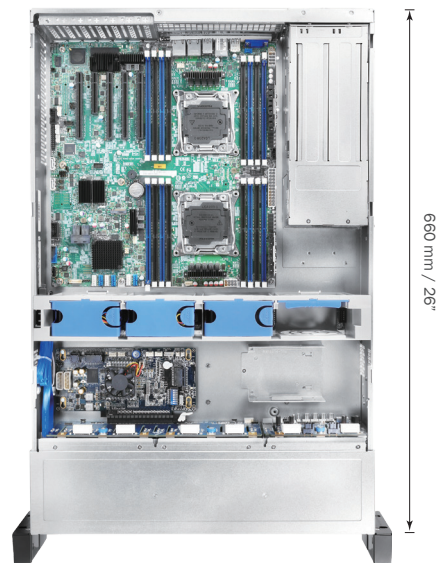
Features & Benefits

- Supports 24 2.5" SSD or HDD configuration
- 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
- Supports 12Gb/s 24-port backplane with SAS expander

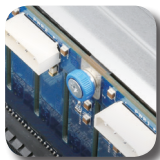
Specification

M/B Form Factor	• DRi or others 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	• 24 x 2.5" Hot-swap, 2 x 2.5" Internal HDD (Option)
PSU Form Factor	• 2U Single 700w or 1+1 Redundant 1200w
Indicators	• 1 x Power Status, 2 x LAN Activity, 1 x Fan Failure & Overheat
Front Control	• Power On/Off, Alarm Mute, System Reset, 2x USB 3.0
Cooling Fans	• Middle: 3 x 80mm (Up to T=38mm), PWM, Rear: 2 x 40mm (Option)
System Security	• Intrusion Switch (Option)
Slot Opening	• 3 x full height and length or 7 x low profile
HDD Backplane	• 12Gb/s SAS expander module
Metal Thickness	• 1.2mm
Materials	• SGCC
Net Weight	• 11.0 kg
Gross Weight	• 12.7 kg
Cubic Feet	• 4.98
Container Info.*	• 20':314, 40':638, 40'H:690

*Single Packing



Optional 2-bay 2.5" HDD cage



Tool-less backplane installation



Air baffle to prevent air circulation

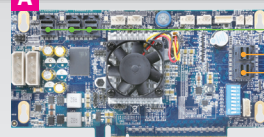
12Gb/s Backplane

P/N	• 80H1009A0 A / 80H1010A0 B
Dimension (W x H)	• 190 x 97.75mm / 273 x 78mm
Backplane Type	• Active / Passive
Host Interface	• Mini SAS HD (SFF-8643)
HDD Interface	• 16/24-port 2.5" SAS/SATA (SFF-8680)
SAS Expander	• LSI SAS3x36R
Tool-less Installation	• Yes
Features	• SES, Temperature Monitoring, Smart Fan, T-10 Zoning, I2C

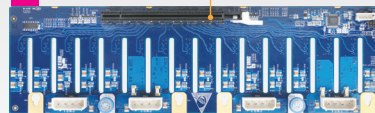
P/N	• 80H1011A0 C
Dimension (W x H)	• 135 x 78mm
Backplane Type	• Passive
Host Interface	• Mini SAS HD (SFF-8643)
HDD Interface	• 16/24-port 2.5" SAS/SATA (SFF-8680)
SAS Expander	• N/A
Tool-less Installation	• Yes
Features	• SGPIO, Temperature Monitoring, Smart Fan, I2C



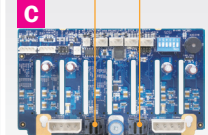
Backplane wiring diagram



12Gb/s SAS expander controller



16-port 12Gb/s passive backplane



8-port 12Gb/s mini-SAS HD backplane

Optional Items

	Order Code	Description
Riser Card	80H0901B0	2-Slot, PCI-e 16x& PCI-X 64Bit, Cable Link
	80H0902B0	1-slot, PCI-e 16x or PCI-X 64 Bit
Rear Window	84H30-006	3-slot, Full Height
Slide Rail	84H30-002	21.9", For 2U/3U/4U

※ PSU ※ M/B Support ※ I/O Gasket ※ Air Duct ※ (Detailed in ReShield websites)

Order Information

Order Code	M/B	Backplane	Cooling Fan(mm)	PCI Slot	PSU	Slide Rail
RS-280-24S	12" x 13"	12Gb/s SAS/SATA w/Expander module	3 x 8032	7 x LP	Single 700w	Option
RS-280-24R	12" x 13"	12Gb/s SAS/SATA w/Expander module	3 x 8032	7 x LP	1200w	Included