

IW-RSA424-02M

4U SAS Storage Rackmount Server



Features & Benefits

- Supports Intel® Xeon® Scalable and AMD EPYC™ processors
 - Mini-SAS HD backplane with PCIe 3.0 compatibility
- Supports end-to-end 12Gbps SAS across host, expander, and drives
 - 24 hot-swappable 2.5"/3.5" SAS/SATA drive bays
 - 2 rear 2.5" SSD bays for system drives
- Supports 80 PLUS Platinum CRPS power supplies
- High-performance cooling with hot-swappable fans



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Specifications

Industry Standard	Compatible with EIA-RS310D standard 19" cabinets
M/B Form Factor	ATX(12" x 9.6"), CEB(12" x 10.5"), EEB(12" x 13")
Power Supply	Supports: • Form factor: 80 PLUS Platinum CRPS • Watt: 1600W
Indicators	Power LED, LAN1/LAN2/LAN3/LAN4 LED, system LED, ID LED, HDD LED
Front Control Panel	Power on/off, system reset, NMI, ID SW, USB 3.0 x 2
Backplane	• Host: Mini-SAS HD (SFF-8643) x 3 • HDD: SAS/SATA x 24
12Gbps Expander Module	Broadcom SAS 35 x 36R expander
Cooling Fans	80 x 38mm PWM hot-swap fans x 4, 10000RPM
Expansion Slot	Full-height PCIe slots x 7
Material	Material: SGCC Thickness: 1.2mm
Rail Kit	Supports 30" tool-less & ball-bearing slide rail
Product Dimensions (DxWxH; Chassis Only)	660 x 448 x 172.8mm (26" x 17.6" x 6.8")
Product Dimensions (DxWxH)	920 x 610 x 338mm (36.2" x 24.0" x 13.3")
Weight (Chassis Only)	• Net weight: 18.97kg • Gross weight: 23.15kg
Cubic Feet	6.7
Container Information	Single packing with pallets: • 20': 100 pcs • 40': 210 pcs • 40' HQ: 252 pcs

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Backplane Specifications

Backplane	SAS3 backplane
Data Transfer Rate	12Gb/s
Dimension (W x H)	386 x 162mm
Backplane Type	Active with expander onboard
Host Interface	Mini-SAS HD (SFF-8643) x 3
HDD Interface	SAS/SATA x 24

Rear Disk Backplane Specifications

Backplane	SAS3 backplane
Data Transfer Rate	12Gb/s
Dimension (W x H)	80mm x 37mm
Backplane Type	Passive
Host Interface	Mini-SAS HD (SFF-8643) x 1
HDD Interface	SAS/SATA x 2

Optional Items

Item	Part Number	Description	Support
Slide Rail	3RAMIS133301	28" tool-less & ball-bearing slide rail	1 Set
Cable	3RAMW4031700	Mini-SAS HD 12Gbps (SFF-8643) to Mini-SAS HD (SFF-8643) Cable, 800 mm	Max.3
Power Supply	3RAMAP025102 / 3RAMAP042800	80 PLUS Platinum 550W CRPS / CRPS PDB	Max.2
Power Supply	3RAMAP025202 / 3RAMAP042800	80 PLUS Platinum 800W CRPS / CRPS PDB	Max.2
Power Supply	3RAMAP045100 / 3RAMAP045000	80 PLUS Platinum 800W CRPS / CRPS PDB	Max.2
Power Supply	3RAMAP026501 / 3RAMAP042800	80 PLUS Platinum CRPS 1200W (AC input 100-127V, total power 800W max. / AC input 200-240V, total power 1200W max.) / CRPS PDB	Max.2
Power Supply	3RAMAP044300 / 3RAMAP042800	80 PLUS Platinum CRPS 1600W (AC input 100-127V, total power 1000W max. / AC input 200-240V, total power 1600W max.) / CRPS PDB	Max.2
Backplane		12Gb/s Mini-SAS backplane	1
HDD Tray	2RAKPH008404	2.5"/3.5" hot-swap HDD tray (blue color)	Max.24
HDD Tray	2RAAPH036605	2.5" Screwless hot-swap SSD rear tray (blue color)	Max.2
Fan	3RAMFB017900	80 x 38mm PWM hot-swap fan, 10000RPM, 6pin	Max.4
Fan	2RAKFB014800	80 x 38mm PWM hot-swap fan & fan bracket, 10000RPM, 6pin	Max.4
Others	2RAKIP032800	Mesh front panel	1
Others	3RAMRW011300	Intrusion switch / 800mm	1

* InWin NVMe backplane supports PCIe Gen5, the actual data transfer speed will be determined by MB and SSD specifications.

* All components and optional parts are not included. InWin reserves the right to make final modifications.