



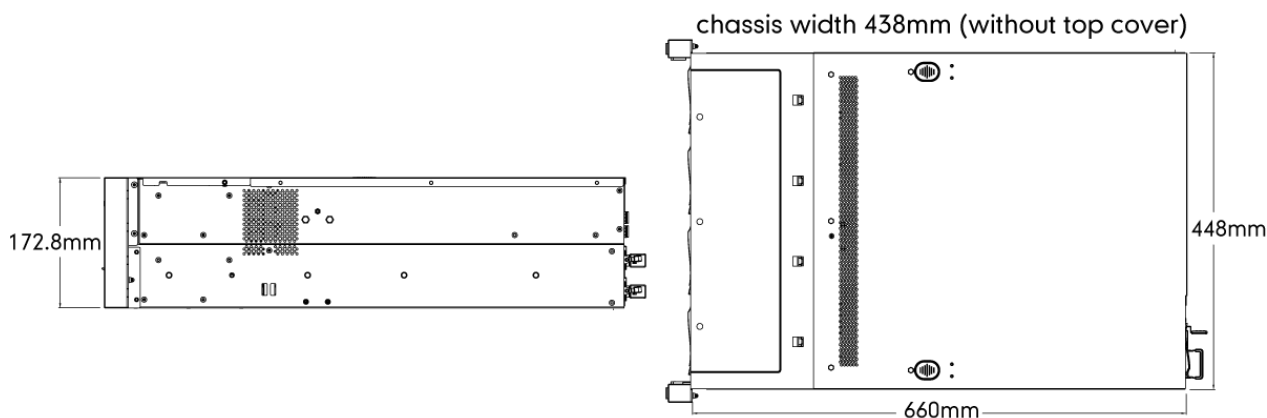
Features & Benefits

- Intel[®] Xeon Scalable & AMD EPYC family compliant
- Backplanes with Mini-SAS HD, OCuLink or SlimSAS connectors (compatible with PCIe 4.0)
 - End-to-end 12Gbps SAS host, expander and disk support
- 2.5"/3.5" hot-swap HDD trays x 24 (optional NVMe trays x 8, distinguishes U.2 NVMe SSDs)
 - 2 x 2.5" SAS/SATA SSDs for system disks at the rear of the chassis
- Highly efficient 550W/800W/1200W/1600W, 80 Plus[®] Platinum CRPS (optional)
 - High-speed cooling fans for excellent thermal performance



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")
Drive Bay	• External 2.5"/3.5" hot-swap trays x 24 (optional U.2 NVMe SSD tray x 8) • Rear 2.5" hot-swap trays x 2 (supports SAS 12Gbps)
Power Supply	Supports: • Form factor: 80 Plus Platinum CRPS • Watt: 550W/800W/1200W/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, USB3.0x2
Backplane Type-1	• Host: Mini-SAS HD (SFF-8643) x 3, SlimSAS (SFF-8654) x 8 • HDD: SAS/SATA x 24 or SAS/SATA x 16 and NVMe SSD x 8
Backplane Type-2	• Host: Mini-SAS HD (SFF-8643) x 3, OCUlink (SFF-8611) x 8 • HDD: SAS/SATA x 24 or SAS/SATA x 16 and NVMe SSD x 8
12Gbps Expander Module	Broadcom SAS 35 x 36R expander
Cooling Fans	80 x 38mm PWM hot-swap fans x 4, 12000RPM
Expansion Slot	Full-height PCIe slots x 7
Material	• Material: SGCC • Thickness: 1.2mm
Rail Kit	Supports 30" ball-bearing slide rail
Product Dimensions (DxWxH; Chassis Only)	660 x 448 x 172.8mm (26" x 17.6" x 6.8")
Package Dimensions (DxWxH)	920 x 610 x 338mm
Weight (Chassis Only)	• Net weight: 18.97kg • Gross weight: 23.15kg
Cubic Feet	6.7
Container Information	Single packing with pallets: • 20': 100pcs • 40': 210pcs • 40'HQ: 252pcs



Backplane Specifications

Backplane Type-1	SAS3 & PCIe Gen4 backplane
Data Transfer Rate	SAS3 12Gb/s PCIe Gen4 16GT/s
Dimension (W x H)	386 x 162mm
Backplane Type	Active with expander onboard
Host Interface	Mini-SAS HD (SFF-8643) x 3, SlimSAS (SFF-8654) x 8
HDD Interface	SAS/SATA x 24 or SAS/SATA x 16 and NVMe SSD x 8

Backplane Type-2	SAS3 & PCIe Gen4 backplane
Data Transfer Rate	SAS3 12Gb/s PCIe Gen4 16GT/s
Dimension (W x H)	386 x 162mm
Backplane Type	Active with expander onboard
Host Interface	Mini-SAS HD (SFF-8643) x 3, OCuLink (SFF-8611) x 8
HDD Interface	SAS/SATA x 24 or SAS/SATA x 16 and NVMe SSD x 8

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	30" 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
Cable		InWin can customize the SFF-8611/ SFF-8654 cables to fulfill customers' OCuLink/SlimSAS connectors requirements.	Max. 8
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

IW-RS424-07

4U NVMe Hybrid Rackmount Chassis

Storage Server

Item	Part Number	Description	Support
Backplane	2RBTVI009701	Mini-SAS HD & SlimSAS backplane	1
Backplane	2RBTVI005502	Mini-SAS HD & OCuLink backplane	1
HDD Tray	2RAKPH057702	2.5"/3.5" hot-swap HDD tray (gray color)	Max. 24
HDD Tray	2RAKPH063701	2.5"/3.5" hot-swap HDD tray (gray color with NVMe symbol)	Max. 8
HDD Tray	2RAKPH057801	2.5" Screwless hot-swap SSD rear tray (gray color)	Max. 2
Fan	3RAMFB016302	80 x 38mm PWM hot-swap fan, 12000RPM, 6pin	Max. 4
Fan	2RAKFB011602	80 x 38mm PWM hot-swap fan & fan bracket, 12000RPM, 6pin	Max. 4
Others	2RAKIP023300	Mesh front panel	1
Others	3RAMRW011300	Intrusion switch / 800mm	1

* InWin NVMe backplane supports PCIe Gen4 data transfer speed, the actual speed will be determined by MB and HDD specifications.

* All components and optional parts are not included. In Win Development Inc. reserves the right to make final modifications.