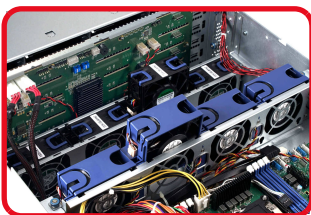




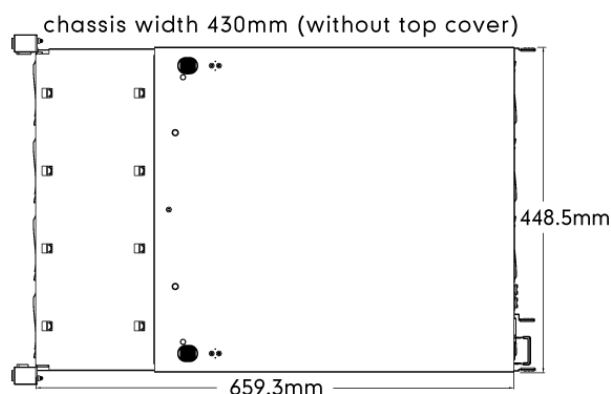
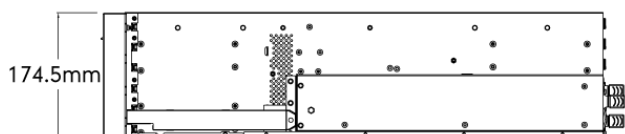
Features & Benefits

- Intel® Xeon Scalable & AMD EPYC family compliant
- Backplanes with Mini-SAS HD, OcuLink, or Slimline connectors (compatible with PCIe 4.0)
 - End-to-end 12Gbps SAS host, expander, and disk support
- 2.5"/3.5" HDD trays x 36 (optional NVMe trays x 12, distinguishes U.2 NVMe SSDs)
 - 2 x 2.5" SAS/SATA SSDs for system disks at the rear of the chassis
- Highly efficient 1200W, 80 Plus® Platinum CRPS (optional)
- High-speed cooling fans for excellent thermal performance



Specifications

Industry Standard	EIA-RS310D
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 36 (optional U.2 NVMe SSD tray x 12) - Rear 2.5" screwless hot-swap SSD trays x 2 (supports SAS 12Gbps)
Power Supply	Supports: - Form factor: 80 Plus Platinum CRPS - Watt: 1200W
Indicator	Power LED, LAN1/LAN2/LAN3/LAN4 LED, system LED, ID LED, HDD LED
Front Control Panel	Power on/off, reset, NMI, ID SW, USB3.0x2
Backplane Type-1	- Front host: Mini-SAS HD (SFF-8643) x 3, Slimline (SFF-8654) x 8 - Front HDD: SAS/SATA x 24 or SAS/SATA x 16 and NVMe SSD x 8 - Rear Host: Mini-SAS HD (SFF-8643) x 3, Slimline (SFF-8654) x 4 - Rear HDD: SAS/SATA x 12 or SAS/SATA x 8 and NVMe SSD x 4
Backplane Type-2	- Front Host: Mini-SAS HD (SFF-8643) x 3, OCUlink (SFF-8611) x 8 - Front HDD: SAS/SATA x 24 or SAS/SATA x 16 and NVMe SSD x 8 - Rear Host: Mini-SAS HD (SFF-8643) x 3, OCUlink (SFF-8611) x 4 - Rear HDD: SAS/SATA x 12 or SAS/SATA x 8 and NVMe SSD x 4
12Gbps Expander Module	Broadcom SAS 35 x 36R expander
Cooling Fan	80 x 38mm PWM hot-swap top fans x 4, 8300RPM 80 x 38mm PWM hot-swap bottom fans x 4, 12000RPM Modular design with anti-vibration
Expansion Slot	Low-profile PCI slots x 7
Material	- Material: SGCC - Thickness: 1.2mm
Rail Kit	Supports 28" ball-bearing slide rail
Product Dimensions (DxWxH; Chassis Only)	659.3 x 448.5 x 174.5mm (26" x 17.7" x 6.9")
Package Dimensions (DxWxH)	920 x 610 x 315mm
Weight (Chassis Only)	- Net weight: 26.56kg - Gross weight: 30.51kg
Cubic Feet	6.24
Container Information	Single packing with pallets: 20': 120pcs 40': 252pcs 40'HQ: 294pcs



12Gbps Backplane Specifications

Front Backplane Type-1	Mini-SAS HD & Slimline front backplane
Dimension (W x H)	386 x 162mm
Backplane Type	Active with expander onboard
Host Interface	Mini-SAS HD (SFF-8643) x 3, Slimline (SFF-8654) x 8
HDD Interface	SAS/SATA x 24 or SAS/SATA x 16 and NVMe SSD x 8

Rear Backplane Type-1	Mini-SAS HD & Slimline rear backplane
Dimension (W x H)	405mm x 72.3mm
Backplane Type	Active with expander onboard
Host Interface	Mini-SAS HD (SFF-8643) x 3, Slimline (SFF-8654) x 4
HDD Interface	SAS/SATA x 12 or SAS/SATA x 8 and NVMe SSD x 4

Front Backplane Type-2	Mini-SAS HD & OCUlink front backplane
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 Backplane Type-2	Mini-SAS HD & OCUlink rear backplane
Dimension (W x H)	405mm x 72.3mm
Backplane Type	Active with expander onboard
Host Interface	Mini-SAS HD (SFF-8643) x 3, OCUlink (SFF-8611) x 4
HDD Interface	SAS/SATA x 12 or SAS/SATA x 8 and NVMe SSD x 4

Optional Items

Item	Part Number	Description	Support
Slide Rail	3RAMIS152700	28" tool-less & ball-bearing slide rails (weight capacity 60kg)	1 set
Cable	3RAMW4031700	Mini SAS 12Gbps SFF-8643 to SFF-8643 cable, 800mm	Max.6
Cable		InWin can customize the SFF-8611/ SFF-8654 cables to fulfill customers' OCUlink/Slimline connectors requirements.	Max.12
Power Supply	3RAMAP026501	80 Plus Platinum CRPS 1200W (AC input 100-127V, total power 800W max. / AC input 200-240V, total power 1200W max.)	Max. 2
Power Supply	3RAMAP039402	CRPS PDB	1
Backplane	2RBTVI009700	Mini-SAS HD & Slimline front backplane	1
Backplane	2RBTVI005500	Mini-SAS HD & OCUlink front backplane	1
Backplane	2RBTVI009500	Mini-SAS HD & Slimline rear backplane	1
Backplane	2RBTVI005300	Mini-SAS HD & OCUlink rear backplane	1
HDD Tray	2RAKPH057702	2.5"/3.5" hot-swap HDD tray (gray color)	Max. 36
HDD Tray	2RAKPH038002	2.5" /3.5" hot-swap HDD tray (black color)	Max. 36

IW-RS436-07

4U NVMe Hybrid Storage Server

Storage Server

Item	Part Number	Description	Support
HDD Tray	2RAKPH063701	2.5"/3.5" hot-swap HDD tray (gray color with NVMe symbol)	Max. 12
HDD Tray	2RAKPH038102	2.5"/3.5" hot-swap HDD tray (black color with NVMe symbol)	Max. 12
HDD Tray	2RAKPH057801	2.5" screwless hot-swap SSD rear tray (gray color)	Max. 2
HDD Tray	2RAKPH038200	2.5" screwless hot-swap SSD rear tray (gold color)	Max. 2
Fan	3RAMFB015400	80 x 38mm PWM hot-swap top fan, 8300RPM, 4pin	Max. 4
Fan	2RAKFB010200	80 x 38mm PWM hot-swap top fan & fan bracket, 8300RPM, 4pin	Max. 4
Fan	3RAMFB016301	80 x 38mm PWM hot-swap bottom fan, 12000RPM, 6pin	Max. 4
Fan	2RAKFB011601	80 x 38mm PWM hot-swap bottom fan & fan bracket, 12000RPM, 6pin	Max. 4
Other	2RAKIP023300	Mesh front panel	1

* InWin NVMe backplane supports PCIe 4.0, the actual data transfer 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 any final modification.