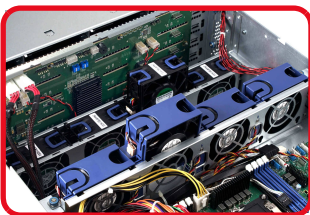




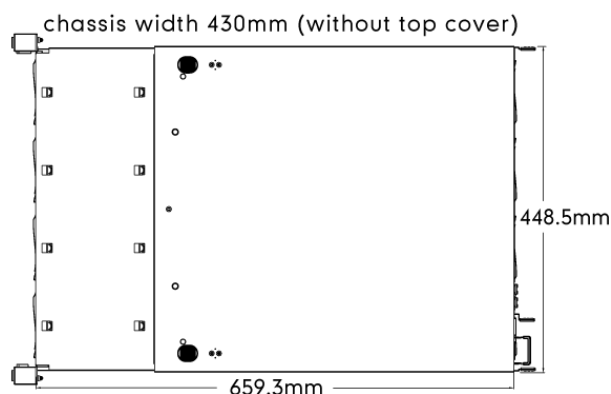
Features & Benefits

- 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" 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
- 4U High-density drawer configuration design for space-saving



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 36 (optional U.2 NVMe SSD tray x 12) • Rear 2.5" hot-swap trays x 2 (supports SAS 12Gbps)
Power Supply	Supports: • Form factor: 80 Plus Platinum CRPS • Watt: 1200W
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	• Front host: Mini-SAS HD (SFF-8643) x 3, SlimSAS (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, SlimASA (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 Fans	• 80 x 38mm PWM hot-swap top fans x 4, 8300RPM • 80 x 38mm PWM hot-swap bottom fans x 4, 12000RPM
Expansion Slot	Low-profile PCIe 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



Backplane Specifications

Front Backplane Type-1	SAS3 & PCIe Gen4 hybrid 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

Rear Backplane Type-1	SAS3 & PCIe Gen4 hybrid backplane
Data Transfer Rate	SAS3 12Gb/s PCIe Gen4 16GT/s
Dimension (W x H)	405mm x 72.3mm
Backplane Type	Active with expander onboard
Host Interface	Mini-SAS HD (SFF-8643) x 3, SlimSAS (SFF-8654) x 4
HDD Interface	SAS/SATA x 12 or SAS/SATA x 8 and NVMe SSD x 4

Front Backplane Type-2	SAS3 & PCIe Gen4 hybrid 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 Backplane Type-2	SAS3 & PCIe Gen4 hybrid backplane
Data Transfer Rate	SAS3 12Gb/s PCIe Gen4 16GT/s
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

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	3RAMIS152700	28" tool-less & ball-bearing slide rails (weight capacity 60kg)	1 set
Cable	3RAMW4031700	Mini-SAS HD 12Gbps (SFF-8643) to Mini-SAS HD (SFF-8643) Cable, 800 mm	Max. 6
Cable		InWin can customize the SFF-8611/ SFF-8654 cables to fulfill customers' OCUlink/SlimSAS 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	2RBTVI009701	Mini-SAS HD & SlimSAS front backplane	1
Backplane	2RBTVI005502	Mini-SAS HD & OCUlink front backplane	1
Backplane	2RBTVI009501	Mini-SAS HD & SlimSAS rear backplane	1
Backplane	2RBTVI005302	Mini-SAS HD & OCUlink rear backplane	1
HDD Tray	2RAKPH057702	2.5"/3.5" hot-swap HDD tray (gray color)	Max. 36
HDD Tray	2RAKPH063701	2.5"/3.5" hot-swap HDD tray (gray color with NVMe symbol)	Max. 12
HDD Tray	2RAKPH057801	2.5" screwless hot-swap SSD rear tray (gray 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	3RAMFB016302	80 x 38mm PWM hot-swap bottom fan, 12000RPM, 6pin	Max. 4
Fan	2RAKFB011602	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 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.