



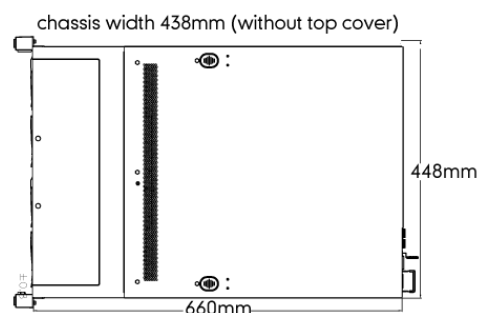
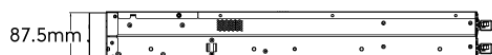
Features & Benefits

- Intel[®] Xeon Scalable & AMD EPYC family compliant
- Backplanes with Mini-SAS HD or OCUlink connectors (compatible with PCIe 4.0)
 - Full range of storage configurations: 3.5" HDDs and 2.5" SSDs (15mm, 7mm)
- 3.5"/2.5" (15mm) trays x 8, pair optional 2.5" (15mm) trays or 2.5"(7mm) trays
 - Maximum supports U.2 NVMe SSDs x 16
- Rear drive bays support 2 x 2.5" SAS/SATA SSDs for system disks
- 550W/800W/1200W/1600W CRPS, 80 Plus[®] Platinum (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	• Top layer: maximum supports external 2.5" hot-swap trays (15mm) x 4 or 2.5" hot-swap trays (7mm) x 8 • Bottom layer: external 3.5"/2.5" hot-swap trays 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, HDD LED
Front Control Panel	Power on/off, system reset, NMI, ID SW/ID LED, USB 3.0 x 2
Backplane- Top Layer Type 1	• Host: OCuLink (SFF-8611) x 3, one is for SAS/SATA transfer rates • HDD: SAS/SATA/NVMe SSDs x 2 (2.5" 15mm) • Backplane kits pre-installed x 2pcs with 2-drive capacity of each
Backplane- Top Layer Type 2	• Host: OCuLink (SFF-8611) x 5, one is for SAS/SATA transfer rates • HDD: SAS/SATA/NVMe SSDs x 4 (2.5" 7mm) • Backplane kits pre-installed x 2pcs with 4-drive capacity of each
Backplane- Bottom Layer	• Host: Mini-SAS HD (SFF-8643) x 1, OCuLink (SFF-8611) x 4 • HDD: SAS/SATA/NVMe SSDs x 4 (3.5"/2.5" 15mm) • Backplanes pre-installed x 2pcs
Cooling Fans	80 x 38mm PWM hot-swap fans x 4, 12000RPM
Expansion Slot	Low-Profile PCIe slots x 7
Material	• Material: SGCC • Thickness: 1.2mm
Rail Kit	Supports 28" tool-less & ball-bearing slide rails
Product Dimensions (DxWxH; Chassis Only)	660 x 448 x 87.5mm (26" x 17.6" x 3.4")
Package Dimensions (DxWxH)	905 x 610 x 228mm
Weight (Chassis Only)	• Net weight: 16.14kg • Gross weight: 19.60kg
Cubic Feet	4.44
Container Information	Single packing with pallets: • 20': 160pcs • 40': 336pcs • 40' HQ: 378pcs



Backplane Specifications

Backplane- Top Layer Type 1	SAS3 & PCIe Gen4 hybrid backplane kit (Pre-installed x 2pcs with 2-drive capacity of each)
Data Transfer Rate	SAS3 12Gb/s PCIe Gen4 16GT/s
Dimension (W x H)	163.5mm x 24.4mm
Backplane Type	Passive
Host Interface	OCuLink (SFF-8611) x3, one is for SAS/SATA transfer rates
HDD Interface	SAS/SATA/ NVMe SSDs x 2 (2.5" 15mm)

Backplane- Top Layer Type 2	SAS3 & PCIe Gen4 hybrid backplane kit (Pre-installed x 2pcs with 4-drive capacity of each)
Data Transfer Rate	SAS3 12Gb/s PCIe Gen4 16GT/s
Dimension (W x H)	161.5mm x 24.7mm
Backplane Type	Passive
Host Interface	OCuLink (SFF-8611) x5, one is for SAS/SATA transfer rates.
HDD Interface	SAS/SATA/ NVMe SSD x 4 (2.5" 7mm)

Backplane-Bottom Layer	SAS3 & PCIe Gen4 hybrid backplane (Pre-installed x 2pcs)
Data Transfer Rate	SAS3 12Gb/s PCIe Gen4 16GT/s
Dimension (W x H)	404.5mm x 23mm
Backplane Type	Passive
Host Interface	Mini-SAS HD (SFF-8643) x1 , OCUlink (SFF-8611) x4
HDD Interface	SAS/SATA/NVMe SSDs x 4 (3.5"/2.5" 15mm)

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	3RAMIS148100	28" tool-less & ball-bearing slide rail	1 set
Slide Rail	3RAMIS152300/ 3RAMIS152400	28" tool-less & ball-bearing slide rail with CMA support	1 set

Item	Part Number	Description	Support
Cable	3RAMW4031700	Mini-SAS HD 12Gbps (SFF-8643) to Mini-SAS HD (SFF-8643) Cable, 800 mm	Max. 2
Cable	3RAMW4039700	Mini-SAS HD 12Gbps (SFF-8643) to OCuLink (SFF-8611) Cable, 800 mm	Max. 2
Cable		InWin can customize the SFF-8611/ SFF-8654 cables to fulfill customers' OCuLink/SlimSAS connectors requirements.	Max. 16
Power Supply	3RAMAP025102	80 Plus Platinum 550W CRPS	Max. 2
Power Supply	3RAMAP025202	80 Plus Platinum 800W CRPS	Max. 2
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	3RAMAP044300	80 Plus Platinum CRPS 1600W (AC input 100-127V, total power 1000W max. / AC input 200-240V, total power 1600W max.)	Max. 2
Power Supply	3RAMAP042900	CRPS PDB	1
Backplane	2RBTVI004000	Mini-SAS HD & OCuLink backplane	Max. 2
Backplane Kit	2RAKID105401	Top layer type 1 OCuLink backplane and 2.5" 15mm HDD trays x 2 (Gray color with NVMe symbol). Other tray combinations of transfer rates and colors are make-to-order.	Max. 2
Backplane Kit	2RAKID105201	Top layer type 2 OCuLink backplane & 2.5" 7mm HDD trays x 4 (Gray color with NVMe symbol). Other tray combinations of transfer rates and colors are make-to-order.	Max. 2
HDD Tray	2RAKPH057702	3.5"/2.5" (15mm) hot-swap HDD tray (Gray color)	Max. 8
HDD Tray	2RAKPH063701	3.5"/2.5" (15mm) hot-swap HDD tray (Gray color with NVMe symbol)	Max. 8
HDD Tray	2RAKPH057801	2.5" (15mm) hot-swap HDD tray (Gray color)	Max. 6
HDD Tray	2RAKPH063801	2.5" (15mm) hot-swap HDD tray (Gray color with NVMe symbol)	Max. 4
HDD Tray	2RAKPH063400	2.5" (7mm) hot-swap tray (Gray color)	Max. 8
HDD Tray	2RAKPH063900	2.5" (7mm) hot-swap tray (Gray color with NVMe symbol)	Max. 8
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	2RAKIP022700	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.