



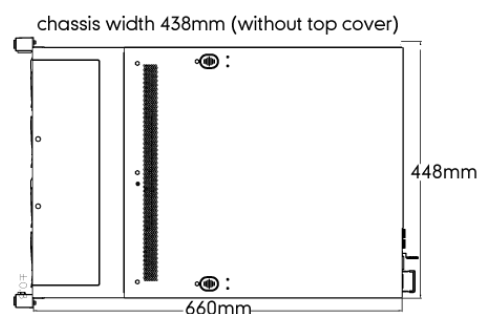
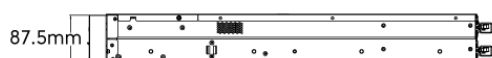
Features & Benefits

- 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)



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	• 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 SSD trays x 2 (supports SAS 12Gbps)
Power Supply	Supports: • Form factor: 80 Plus Platinum CRPS • Watt: 550W/800W/1200W/1600W
Indicator	Power LED, LAN1/LAN2/LAN3/LAN4/LED, system LED, HDD LED
Front Control Panel	Power on/off, 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 cage 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 cage 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 Fan	• 80 x 38mm PWM hot-swap fans x 4, 12000RPM • Modular design with anti-vibration
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



12Gbps Backplane Specifications

Backplane- Top Layer Type 1	OCuLink backplane cage kit (Pre-installed x 2pcs with 2-drive capacity of each)
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	OCuLink Backplane Cage Kit (Pre-installed x 2pcs with 4-drive capacity of each)
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	Mini-SAS HD & OCUlink Backplane (Pre-installed x 2pcs)
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)

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
Cable	3RAMW4031700	Mini SAS 12Gbps SFF-8643 to SFF-8643 cable, 800mm	Max.2
Cable	3RAMW4039700	SFF-8611 to SFF-8643, 800mm	Max.2
Cable		InWin can customize the SFF-8611/ SFF-8654 cables to fulfill customers' OCUlink/Slimline 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	3RAMAP038500	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 Cage Kit	2RAKID105400	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

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2U NVMe Hybrid Storage Server

Storage Server

Item	Part Number	Description	Support
Backplane Cage Kit	2RAKID105200	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	2RAKPH038002	3.5"/2.5" (15mm) hot-swap HDD tray (Black color)	Max.8
HDD Tray	2RAKPH063701	3.5"/2.5" (15mm) hot-swap HDD tray (Gray color with NVMe symbol)	Max.8
HDD Tray	2RAKPH038102	3.5"/2.5" (15mm) hot-swap HDD tray (Black color with NVMe symbol)	Max.8
HDD Tray	2RAKPH057800	2.5" (15mm) hot-swap HDD tray (Gray color)	Max.6
HDD Tray	2RAKPH038200	2.5" (15mm) hot-swap HDD tray (Gold color)	Max.6
HDD Tray	2RAKPH063800	2.5" (15mm) hot-swap HDD tray (Gray color with NVMe symbol)	Max.4
HDD Tray	2RAKPH038300	2.5" (15mm) hot-swap HDD tray (Gold color with NVMe symbol)	Max.4
HDD Tray	2RAKPH063400	2.5" (7mm) hot-swap tray (Gray color)	Max.8
HDD Tray	2RAKPH037800	2.5" (7mm) hot-swap tray (Black color)	Max.8
HDD Tray	2RAKPH063900	2.5" (7mm) hot-swap tray (Gray color with NVMe symbol)	Max.8
HDD Tray	2RAKPH037900	2.5" (7mm) hot-swap tray (Black color with NVMe symbol)	Max.8
Fan	3RAMFB016301	80 x 38mm PWM hot-swap fan, 12000RPM, 6pin	Max. 4
Fan	2RAKFB011601	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 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.