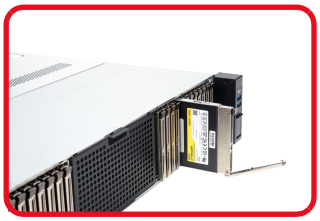
IW-RS224-E3

2U PCIe Gen5 NVMe E3.S Rackmount Chassis

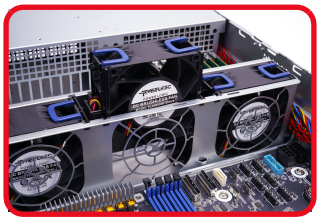


Features & Benefits

- 2U PCIe Gen5 NVMe solution storage server
- Compact bay design, supports up to 24 bays of E3.S 7.5mm NVMe hot-swap trays
- Two pre-installed backplanes support 12 MCIO(8i) connectors
- Pre-installed four 17000RPM fans for excellent thermal performance
- Two 2.5" 7mm SATA SSDs for system disks located at the rear of the chassis
- Safety-certified CRPS 80 PLUS® Platinum power supply









IW-RS224-E3

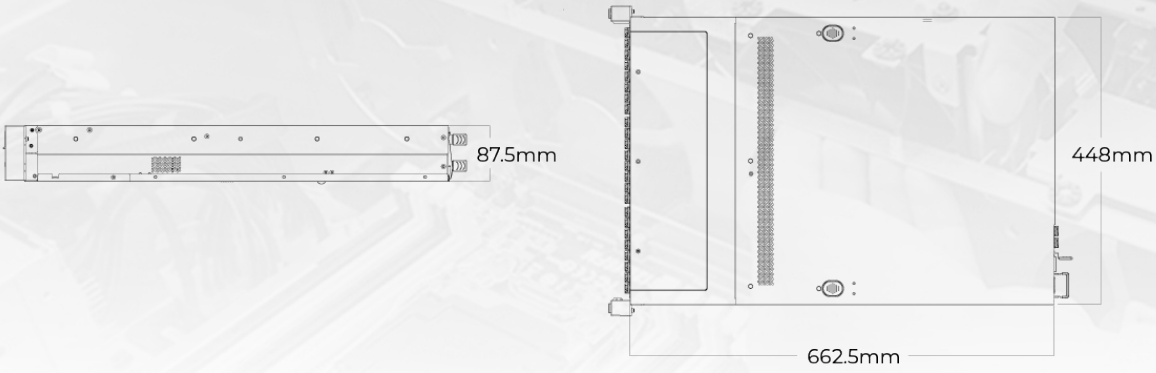
2U PCIe Gen5 NVMe E3.S Rackmount Chassis

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"), EEB (12.5" x 14")
Drive Bay	• Front: NVMe E3.S 7.5mm hot-swap drive bays x 24 (supports NVMe drives) • Rear: 2.5" 7mm SAS/SATA hot-swap drive bays x 2 (supports SAS/SATA drives)
Power Supply	Supports: • Form factor: 80 PLUS Platinum CRPS • Watt: 1600W • 2000W CRPS PDB pre-installed
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, USB 3.0 x 2
Backplane-1	Front: PCIe Gen5 NVMe 2U 12-Bay Backplane • Host: MCIO (8i) x 6 • Drive: E3.S 7.5mm NVMe x 12 • Capacity: 24 drives in total (2 × 12-Bay backplanes pre-installed)
Backplane-2	Rear: SAS 2-Bay Backplane • Host: Mini-SAS HD (SFF-8643) x 1 • Drive: 7mm SAS/SATA x 2 • Capacity: 2 drives in total (1 × 2-Bay backplane pre-installed)
Cooling Fans	Pre-installed 80 x 38 mm PWM fans x 4, 17000RPM
Expansion Slot	Low-profile PCIe slots x 8
Material	Material: SGCC Thickness: 1.0mm
Rail Kit	Supports 28" tool-less & ball-bearing slide rails
Product Dimensions (DxWxH; Chassis Only)	662.5 x 448 x 87.5mm (26.1" x 17.6" x3.4")
Package Dimensions (DxWxH)	845 x 595 x 223mm (33.3" x 23.4" x 8.8")
Weight	Net Weight: 14.96kg Gross Weight: 18.16kg
Cubic Feet	3.96
Container Information	Single Packing with pallets: 20': 160 pcs 40': 368 pcs 40' HQ : 414 pcs

IW-RS224-E3

2U PCIe Gen5 NVMe E3.S Rackmount Chassis



IW-RS224-E3

2U PCIe Gen5 NVMe E3.S Rackmount Chassis

Backplane-1 Specifications

Backplane	PCIe Gen5 NVMe 2U 12-Bay Backplane
Data Transfer Rate	PCIe Gen5 32GT/s
Dimension (W x H)	138 x 66 mm
Backplane Type	Passive
Host Interface	MCIO (8i) x 6
Drive Interface	E3.S 7.5 mm NVMe x 12

Backplane-2 Specifications

Backplane	SAS 2-Bay Backplane
Data Transfer Rate	SAS 6 Gb/s
Dimension (W x H)	76.5 x 18.6 mm
Backplane Type	Passive
Host Interface	Mini-SAS HD (SFF-8643) x 1
Drive Interface	7mm SAS/SATA x 2

Optional Items

Item	Part Number	Description	Support
Slide Rail	3RAMIS148100	28" tool-less & ball-bearing slide rail	1
Slide Rail	3RAMIS152300 / 3RAMIS152400	28" tool-less & ball-bearing slide rail with CMA support	1
Power Supply	3RAMAP044300	80 PLUS Platinum 1600W CRPS (AC input 100-127: 1000W max. / AC input 200-240V: 1600W max.)	Max. 2
Fan	2RAKFB020701	80 x 38mm PWM hot-swap fan, 17000RPM, 6pin	Max. 4
Drive Tray	3RAMIS221200	E3.S 7.5mm hot-swap NVMe SDD Tray	Max. 24
Cable	3RAMW6006300	MCIO (SFF-TA-1016) 8i to MCIO (SFF-TA-1016) 8i Cable, 400 mm	Max. 12
Cable	3RAMW6006200	MCIO (SFF-TA-1016) 8i to MCIO (SFF-TA-1016) 8i Cable, 550 mm	Max. 12
Cable		InWin can customize the connectors and cable lengths to meet customers' specific motherboard requirements	1 Set
Others	2RAKIP022700	Mesh front panel	1
Others	3RAMRW011300	Intrusion switch / 800mm	1

* InWin NVMe backplane supports PCIe Gen5 & SAS4, the actual data transfer speed will be determined by MB and HDD specifications.
* All components and optional parts are not included. InWin reserves the right to make final modifications.