

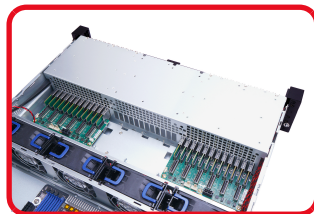
# IW-RS224-E3

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
  - Optional highly efficient 2000W, 80 Plus<sup>®</sup> Platinum CRPS

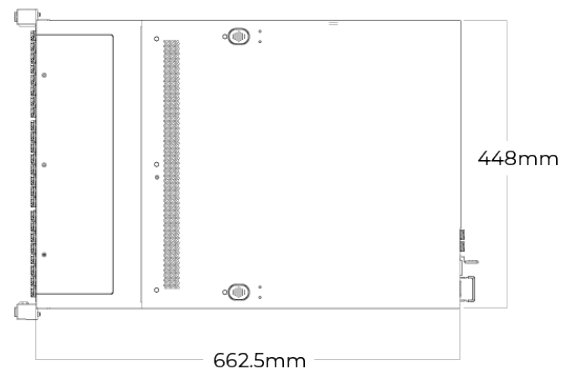


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## Specifications

<b>Industry Standard</b>	Compatible with EIA-RS310D standard 19" cabinets
<b>M/B Form Factor</b>	ATX (12" x 9.6"), CEB (12" x 10.5"), EEB(12" x 13"), EEB (12.5" x 14")
<b>Drive Bay</b>	<ul style="list-style-type: none"><li>• External NVMe E3.S 7.5mm hot-swap trays x 24</li><li>• Rear 2.5" 7mm hot-swap trays x 2 (supports SATA drives)</li></ul>
<b>Power Supply</b>	Supports: <ul style="list-style-type: none"><li>• Form factor: 80 Plus Platinum CRPS</li><li>• Watt: 550W/800W/1200W/1600W/2000W</li><li>• 2000W CRPS PDB pre-installed</li></ul>
<b>Indicators</b>	Power LED, LAN1/LAN2/LAN3/LAN4 LED, System LED, ID LED, HDD LED
<b>Front Control Panel</b>	Power on/off, system reset, NMI, ID SW, USB 3.0 x 2
<b>Backplane</b>	<ul style="list-style-type: none"><li>• Host: MCIO(8i) x 6</li><li>• SSD: NVMe E3.S 7.5mm x 12</li><li>• Backplane pre-installed x 2pcs with 12-drive capacity of each</li></ul>
<b>Cooling Fans</b>	Pre-installed 80 x 38 mm PWM fans x 4, 17000RPM
<b>Expansion Slot</b>	Low-profile PCIe slots x 8
<b>Material</b>	Material: SGCC Thickness: 1.0mm
<b>Rail Kit</b>	Supports 28" tool-less & ball-bearing slide rails
<b>Product Dimensions (DxWxH; Chassis Only)</b>	662.5 x 448 x 87.5mm (26.1" x 17.6" x 3.4")
<b>Package Dimensions (DxWxH)</b>	845 x 595 x 223mm (33.3" x 23.4" x 8.8")
<b>Weight</b>	Net Weight: kg Gross Weight: kg
<b>Cubic Feet</b>	3.96
<b>Container Information</b>	Single Packing with pallets: 20': 160 pcs 40': 368 pcs 40' HQ : 414 pcs



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## Backplane Specifications

Backplane	PCIe Gen5 2U 12bays backplane (pre-installed x 2pcs with 12-drive capacity of each)
Data Transfer Rate	PCIe Gen5 32GT/s
Dimension (W x H)	138 x 66 mm
Backplane Type	Passive
Host Interface	MCIO(8i) x 6
HDD Interface	E3.S 7.5mm NVMe x 12

## Rear Disk Backplane Specifications

Backplane	SAS3 backplane
Data Transfer Rate	SAS3 12Gb/s
Dimension (W x H)	76.5mm x 18.6 mm
Backplane Type	Passive
Host Interface	Mini-SAS HD (SFF-8643) x 1
HDD 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	RAMIS152300 / 3RAMIS152400	28" tool-less & ball-bearing slide rail with CMA support	1
Cable	3RAMW6006300	MCIO 8i to MCIO 8i 400 mm cables	Max. 12
Cable	3RAMW6006200	MCIO 8i to MCIO 8i 550 mm cables	Max. 12
Cable		InWin can customize the connectors and cable lengths to meet customers' specific motherboard requirements	1 set
Power Supply	3RAMAP025102	80 Plus Platinum 550W CRPS	Max.2
Power Supply	3RAMAP025202	80 Plus Platinum 800W CRPS	Max.2
Power Supply	3RAMAP045100	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	3RAMAP038600	80 Plus Platinum CRPS 2000W (AC input 100-127V, total power 1000W max. / AC input 200-240V, total power 2000W max.)	Max.2
HDD Tray	3RAMIS221200	E3.S 7.5mm hot-swap NVMe SDD Tray	Max. 24
Fan	2RAKFB020700	80 x 38mm PWM hot-swap fan, 17000RPM, 6pin	Max.4
Others	2RAKIP022700	Mesh front panel	1
Others	3RAMRW011300	Mesh front panel	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.