

IW-RS116-E1

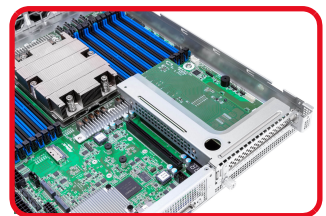
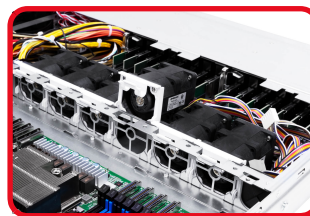
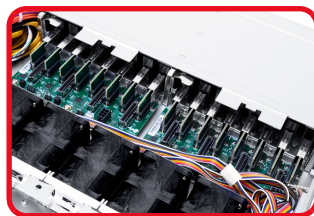
1U PCIe Gen5 NVMe E1.S Rackmount Chassis

Storage Server



Features & Benefits

- 1U high density PCIe Gen5 solution storage server
 - Compact bay design, supports up to 16 E1.S NVMe hot-swap bays
 - Two pre-installed backplane with MCIO(8i) connectors for high-speed data transfer
 - Six Easy-swap 40 x 56mm 33000RPM fans effectively meets PCIe Gen5 cooling needs
 - Supports one FHFL PCIe slot for future upgrades and expansion
- Custom I/O shield service available, designed to match specific motherboards with SGCC material



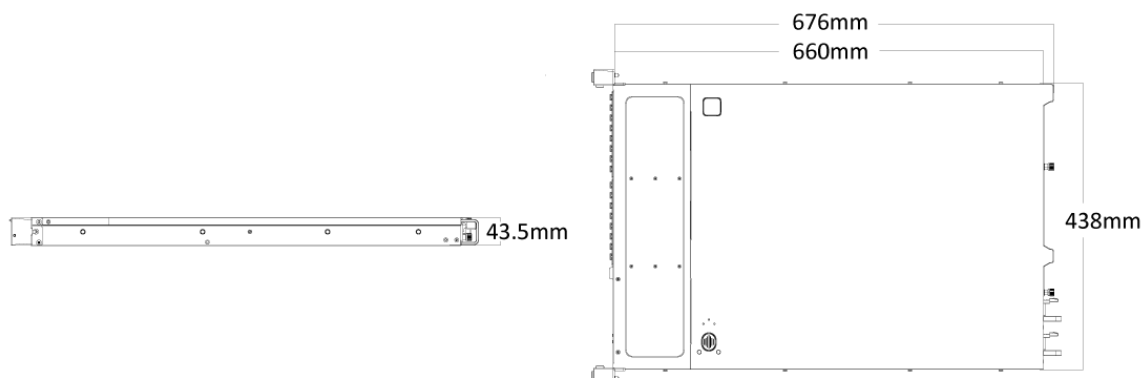
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1U PCIe Gen5 NVMe E1.S Rackmount Chassis

Storage Server

Specifications

Industry Standard	Compatible with EIA-RS310D standard 19" cabinets
Form Factor	ATX (12" x 9.6"), CEB (12" x 10.5"), EEB(12" x 13")
Drive Bay	• External NVMe E1.S 15mm hot-swap trays x 16 • Internal 2.5" x 2
Power Supply	Pre-installed: • Form factor: 1U redundant PSU, 80 Plus Platinum • Watt: 750W
Indicators	Power LED, LAN1/LAN2 LED, system LED, HDD LED, ID LED
Front Control Panel	Power on/off, reset, ID SW, USB 3.0 x 2
Backplane	• Host: MCIO(8i) x 4 • SSD: NVMe E1.S 15mm x 8 • Backplane cage kits pre-installed x 2pcs with 8-drive capacity of each
Cooling Fans	Pre-installed 40 x 56mm PWM fans x 6, 33000 RPM
Expansion Slot	Full-Height PCIe slot x 1
Material	• Material: SGCC • Thickness: 1.0mm
Rail Kit	Supports 28" tool-less & ball-bearing slide rails
Product Dimensions (DxWxH; Chassis Only)	676 x 438 x 43.5mm (26.6"x17.2"x1.7")
Package Dimensions (DxWxH)	930 x 600 x 178 mm (35.4"x23.6"x7")
Weight (Chassis Only)	• Net weight: 9.17 kg • Gross weight: 11.96 kg
Cubic Feet	3.51
Container Information	Single packing with pallets: • 20': 200pcs • 40': 420pcs • 40'HQ: 462pcs



Backplane Specifications

Backplane	PCIe Gen5 backplane (Pre-installed x 2pcs with 8-drive capacity of each)
Data Transfer Rate	PCIe Gen5 32GT/s
Dimensions (W x H)	127.9 x 52.3mm
Backplane Type	Passive
Host Interface	MCIO(8i) x 4
SSD Interface	E1.S NVMe x 8

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	3RAMW6006300	MCIO 8i to MCIO 8i 400 mm cables	Max.8
Cable	3RAMW6006200	MCIO 8i to MCIO 8i 550 mm cables	Max.8
Cable		InWin can customize the connectors and cable lengths to meet customers' specific motherboard requirements	
Power Supply	3RAMAP048600	750W 1U redundant PDB power cage	1
Power Supply	3RAMAP042200	750W 1U redundant module, 80 Plus Platinum, IEC 62368-1 certified	Max. 2
Fan	2RAKFB020600	40 x 56mm PWM fan & fan bracket, 6pin, 33000 RPM, PCIe Gen5 solution	Max. 6
Riser Card	2RAKPD079901	PCIe Gen4 x16 lanes riser card (left-facing 90-degree design)	1
Riser Card	2RAKPD087800	PCIe Gen5 x16 lanes riser card (left-facing 90-degree design)	1
Others	2RAKIP026500	Mesh front panel	1
Others		InWin can customize the I/O shield backplate for specific motherboards, with SGCC material to fulfill customers' specific I/O configuration requirements.	1

* InWin NVMe backplane supports PCIe Gen5, the actual data transfer speed will be determined by MB and SSD specifications.

* All components and optional parts are not included. InWin reserves the right to make final modifications.