

IW-RS110-07

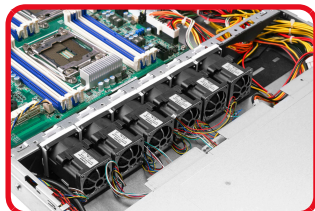
1U NVMe Hybrid Rackmount Chassis

Storage Server



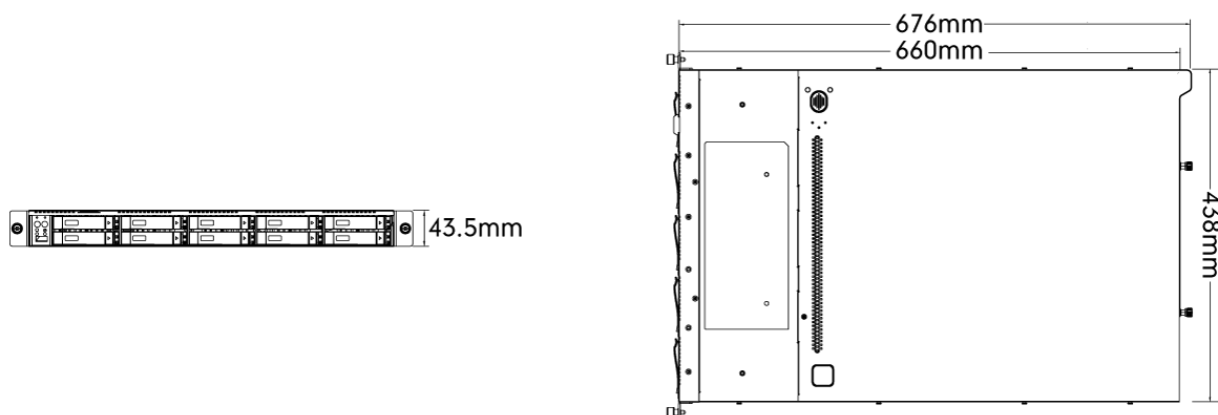
Features & Benefits

- Intel[®] Xeon Scalable family compliant
- Backplanes with Mini-SAS HD, OCUlink or Slimline connectors (compatible with PCIe 4.0)
 - 1U with 10 x hot-swappable 2.5" U.2 NVMe/SAS/SATA SSD bays
 - Supports full-height PCIe slot x 1 (via riser card)
 - Low acoustic noise and reduced vibrations for greater reliability
 - Supports 1U 1+1 redundant PSU
- Customizes the I/O shield back plate for specific motherboards with SGCC material



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	External 2.5" hot-swap trays x 10
Power Supply	Supports: • 750W 1U 1+1 redundant PSU, 80 Plus Platinum
Indicators	Power LED, LAN1/LAN2 LED, system LED, HDD LED, ID LED
Front Control Panel	Power on/off, system reset, NMI, ID SW, USB 3.0 x 1
Backplane Type-1	• Host: Mini-SAS HD (SFF-8643) x 3, Slimline (SFF-8654) x 10 • SSD: NVMe/SAS/SATA x 10
Backplane Type-2	• Host: Mini-SAS HD (SFF-8643) x 3, OCUlink (SFF-8611) x 10 • SSD: NVMe/SAS/SATA x 10
Cooling Fans	40 x 56mm PWM easy-swap fans x 6, 21500RPM
Expansion Slot	Full-height PCIe slot x 1 (via riser card)
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)	820 x 590 x 175mm
Weight (Chassis Only)	• Net weight: 7.32kg • Gross weight: 10.12kg
Cubic Feet	2.99
Container Information	Single packing with pallets: • 20': 200pcs • 40': 460pcs • 40' HQ: 552pcs



Backplane Specifications

Backplane Type-1	SAS3 & PCIe Gen4 hybrid backplane
Data Transfer Rate	SAS3 12Gb/s PCIe Gen4 16GT/s
Dimensions (W x H)	400mm x 37.3mm
Backplane Type	Passive
Host Interface	Mini-SAS HD (SFF-8643) x 3, Slimline (SFF-8654) x 10
HDD Interface	NVMe/SAS/SATA x 10

Backplane Type-2	SAS3 & PCIe Gen4 hybrid backplane
Data Transfer Rate	SAS3 12Gb/s PCIe Gen4 16GT/s
Dimensions (W x H)	400mm x 37.3mm
Backplane Type	Passive
Host Interface	Mini-SAS HD (SFF-8643) x 3, OCuLink (SFF-8611) x 10
HDD Interface	NVMe/SAS/SATA x 10

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.3
Cable		InWin can customize the SFF-8611/ SFF-8654 cables to fulfill customers' OCuLink/Slimline connectors requirements.	Max.10
Power Supply	3RAMAP042200	750W 1U redundant module, 80 Plus Platinum, IEC 62368-1 certified	Max.2
Power Supply	3RAMAP030400	750W 1U redundant PDB power cage	1
Backplane	2RBTVI010700	Mini-SAS HD & Slimline backplane	1
Backplane	2RBTVI010600	Mini-SAS HD & OCuLink backplane	1
SSD Tray	2RAKPH057801	2.5" hot-swap HDD tray (gray color)	Max.10
SSD Tray	2RAKPH038200	2.5" hot-swap HDD tray (gold color)	Max.10
SSD Tray	2RAKPH063801	2.5" hot-swap HDD tray (gray color with NVMe symbol)	Max.10
SSD Tray	2RAKPH038301	2.5" hot-swap HDD tray (gold color with NVMe symbol)	Max.10
Fan	3RAMFB016400	40 x 56mm PWM fan, 21500RPM, 4pin x 2	Max.6
Fan	2RAKFB011800	40 x 56mm PWM fan & fan bracket, 21500RPM, 4pin x 2	Max.6
Riser Card	2RAKPD074000	PCIe Gen3 x16 riser card, left-facing 90 degree	1
Back I/O Shield Plate	2RAKIQ020900	Rear I/O shield- ASRock EP2C624D16NM	1
Back I/O Shield Plate	2RAVIQ051200	Rear I/O shield- ASRock EP2C612D16C-4L	1
Back I/O Shield Plate	2RAVIQ051300	Rear I/O shield- ASRock EP2C622D16-2T	1

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Item	Part Number	Description	Support
Back I/O Shield Plate	2RAKIQ020800	Rear I/O shield- ASUS Z11PR-D16	1
Back I/O Shield Plate	2RAKIQ021100	Rear I/O shield- Gigabyte MD61-SC2	1
Back I/O Shield Plate	2RAKIQ021000	Rear I/O shield- Intel H28527 S2600CW2R	1
Back I/O Shield Plate	2RAKIQ021200	Rear I/O shield- Tyan S7100AG2NR	1
Back I/O Shield Plate	-	InWin can customize the I/O shield backplate for specific motherboards, with SGCC material to fulfill customers' specific I/O configuration requirements.	1
Others	2RAKIP012002	Mesh front panel	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.