

IW-RS110-07

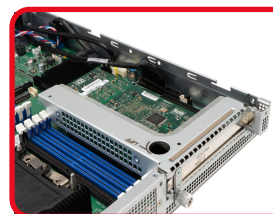
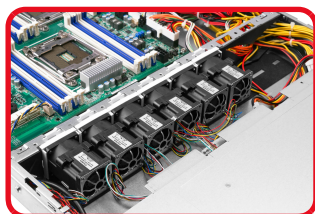
1U NVMe Hybrid Storage Server

Storage Server



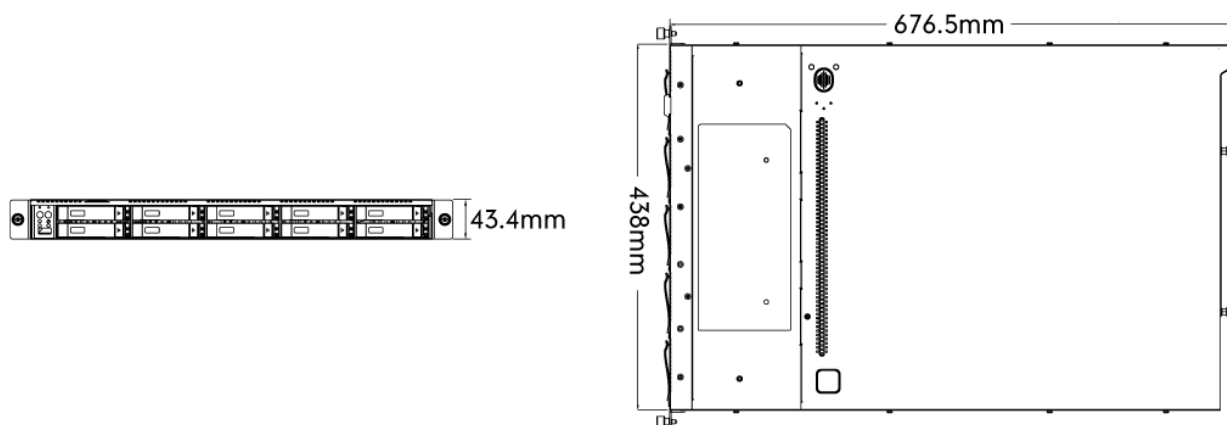
Features & Benefits

- Intel® Xeon Scalable family compliant
- Backplanes with Mini-SAS HD, Oculink or Slimline connectors
- 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 single or 1U 1+1 Redundant PSU
- Customizes the I/O Shield back plate for specific motherboards with SGCC material



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	Supports external 2.5" screwless hot-swap SSD trays x 10
Power Supply	Supports: • 750W 1U 1+1 redundant PSU, 80 Plus Platinum • 650W 1U single PSU, 80 Plus Gold
Indicator	Power LED, LAN1/LAN2 LED, System LED, HDD LED, ID LED
Front Control Panel	Power on/off, 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 Fan	40 x 56mm PWM easy-swap fans x 6, 21500RPM modular design with anti-vibration
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)	676.5 x 438 x 43.4mm (26.6" x 17.2" x 1.7")
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



12Gb/s Backplane Specifications

Backplane Type-1	Mini-SAS HD & Slimline Backplane
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	Mini-SAS HD & Oculink Backplane
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
Slide Rail	3RAMIS152300 / 3RAMIS152400	28" tool-less & ball-bearing slide rail with CMA support	1 set
Cable	3RAMW4031700	Mini SAS 12G cable SFF-8643 to SFF-8643, 800mm	1
Power Supply	3RAMAP028600	650W 1U single PSU, 80 Plus Gold	1
Power Supply	3RAMAP030400	750W 1U redundant PDB power cage	1
Power Supply	3RAMAP028000	750W 1U redundant module, 80 Plus Platinum	Max.2
Backplane	2RBTVI002100	Mini-SAS HD & Slimline backplane	1
Backplane	2RBTVI002000	Mini-SAS HD & Oculink backplane	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
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 plate for specific motherboards, with SGCC material, to provide the flexibility for your computing needs.	1
SSD Tray	2RAKPH038200	2.5" Screwless hot-swap SSD tray	Max.10
SSD Tray	2RAKPH057800	2.5" Screwless hot-swap SSD tray (gray color)	Max.10
SSD Tray	2RAKPH038300	2.5" Screwless hot-swap SSD tray (NVMe)	Max.10
Fan	3RAMFB016400	40 x 56mm PWM fan, 21500RPM, 4pin x 2	Max.6
Fan	2RAKFB011800	40 x 56mm PWM fan & fan bracket, 4pin x 2	Max.6
Riser Card	3RAMPD038000	PCIe Gen3 x16 riser card, left-facing 90 degree	1
Others	2RAKIP012002	Mesh front panel	1

* The actual product is subject to change without prior notice. In Win Development Inc. reserves the right to make any final modifications.

* The above image is for reference only. All hardware components and optional parts are not included.