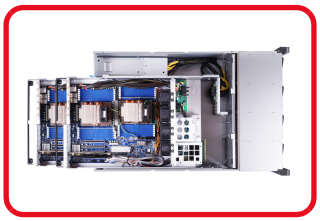
IW-RN424-04

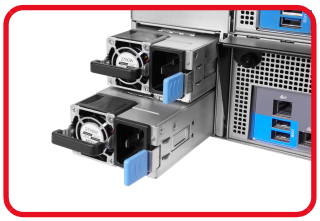
4U Dual-Node SAS4 Rackmount Server

Dual Node Server

Features & Benefits

- 4U dual-node solution delivering nonstop HPC performance
- Ensures high availability with two swappable nodes for streamlined maintenance
- 24 Gbps SAS4 expander per node connects to all 24 2.5"/3.5" hot-swap bays
- Supports motherboards up to 12" x 13.5" per node
- Provides two 2.5" 7 mm SATA bays per node for system disks
- 2700W 80 PLUS® Titanium CRPS for high-efficiency power





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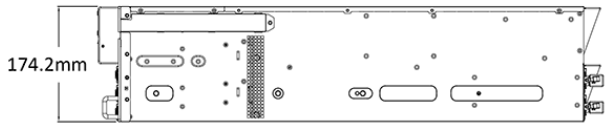
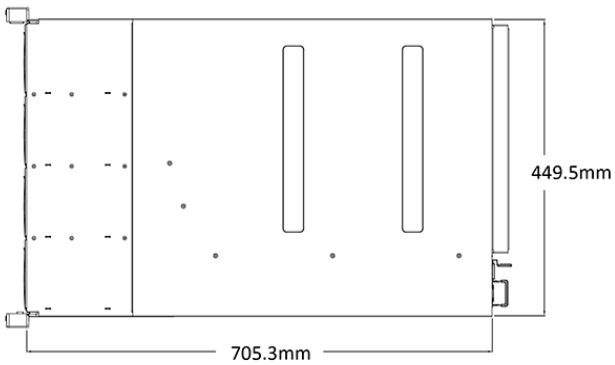
Specifications

Industry Standard	Compatible with EIA-RS310D standard 19" cabinet
M/B Form Factor	ATX (12" x 9.6"), ATX (12" x 10"), EEB (12" x 13.5")
Drive Bay	• External 2.5"/3.5" hot-swap trays x 24 (supports SAS/SATA drives) • Internal 2.5" x 2 for each node (supports 7mm SSD)
Power Supply	Pre-installed: • Form factor: 80 PLUS Titanium CRPS • Total Watt: 2700W
Indicators	Per node: Power LED, ID LED, system LED, LAN1/LAN2/LAN3/LAN4 LED
Front Control Panel	Per node: Power on/off, NMI, system reset, ID SW
Backplane	• Host: MCIO(8i) with expander per node • Drive: SAS/SATA x 24
SAS4 Backplane	Per node: Supports SAS4 x 32 expander
Cooling Fans	Per node: • 60 x 38mm PWM fan x 4, 16000RPM
Expansion Slot	Per node: Low-profile PCIe slots x 7
Material	Material: SGCC Thickness: 1.0 mm
Rail Kit	Supports 30" tool-less & ball-bearing slide rails
Product Dimensions (DxWxH; Chassis Only)	705.3 x 449.5 x 174.2 mm (27.77" x 17.70" x 6.86")
Package Dimensions (DxWxH)	970 x 610 x 350 mm
Weight (Chassis Only)	• Net weight: 31.43 kg • Gross weight: 35.76 kg
Cubic Feet	7.31
Container Information	Single Packing with pallets: 20': 90 pcs 40': 210 pcs 40' HQ : 252 pcs





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Backplane Specifications

Backplane	SAS4 Backplane
Data Transfer Rate	SAS4 24Gb/s
Dimension (W x H)	428mm x 166.8mm
Backplane Type	Active with expander board
Host Interface	MCIO(8i) with expander per node
HDD Interface	SAS/SATA x 24

Optional Items

Item	Part Number	Description	Support
Slide Rail	3RAMIS133301	30" tool-less & ball-bearing slide rail	1 set
Power Supply	3RAMAP049900	80 PLUS Titanium CRPS 2700W (AC input 100-127V: 800W max. / AC input 200-240V: 2700W max.)	Max. 2
Power Supply	3RAMAP048700	80 PLUS Titanium 3200W CRPS Included (AC Input 100-115V: 1340W, 116-120V: 1600W, 200-224V: 2800W, 225-240V: 3200W Max.)	Max. 2
HDD Tray	2RAKPH031100	2.5"/3.5" Drive Tray with Screw Mounting	Max.24
Others	2RALZT388200	Non-Transparent Bridging (NTB) Kit	1

* The actual product is subject to change without prior notice. InWin 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.