IW-RG650 PRO

6.5U GPU Rackmount Chassis

IW-RG650 PRO eDM



Features & Benefits

- GPU server designed for AI, deep learning, and HPC
- 6.5U dual chamber design: 4.5U chamber for GPUs and 2U chamber for motherboard
- Features 16 FHFL PCIe slots, enabling support for 6 professional GPUs in high-density configurations
- Independent dual chambers for optimized heat dissipation
- 12 hot-swap 80 x 56 mm 17,000 RPM PWM fans for high-performance cooling
- 2+1 80 PLUS® Titanium CRPS power supplies delivering up to 6.4 kW









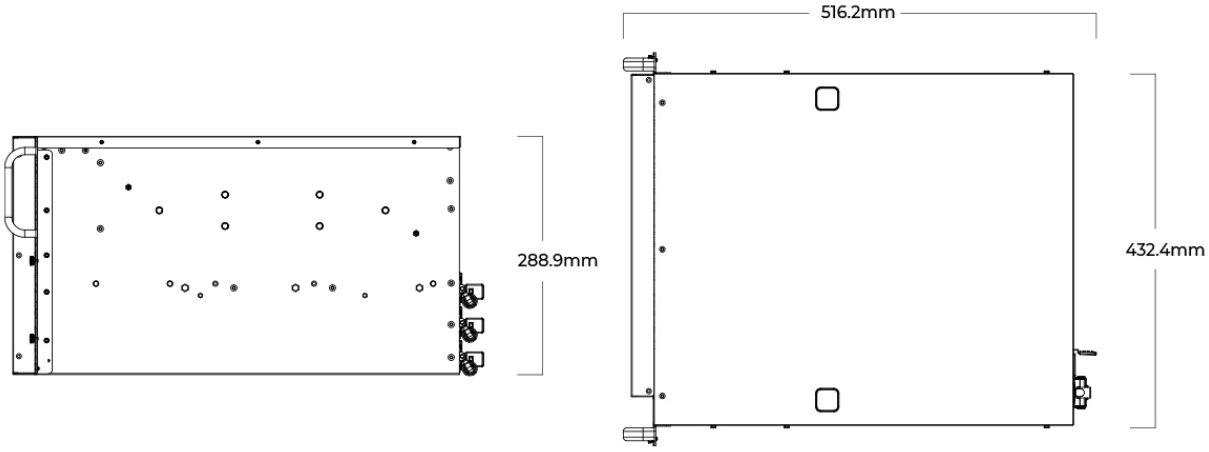
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Specifications

Industry Standard	Compatible with EIA-RS310D standard 19" cabinets
Form Factor	6.5U rackmount • 4.5U upper chamber for GPU (maximum length up to 360mm) • 2U lower chamber for system components
M/B Form Factor	ATX (12" x 9.6"), CEB (12" x 10.5"), EEB (12" x 13")
Drive Bay	Internal: 2.5" x 4
Power Supply	Pre-installed: • Form factor: 2+1 80 PLUS Titanium CRPS • Total Watt: 6400W
Indicators	Power LED, LAN 1/LAN 2, system LED, HDD LED
Front Control Panel	Power on/off, system reset, USB 3.0 x 2
Cooling Fans	• Front: 80 x 56 mm PWM fans x 12, 17000 RPM (pre-installed)
Expansion Slot	Full-height PCIe slots x 16 (Includes PCIe Gen5 riser cables: 220 mm × 3, 350 mm × 3) Low-profile PCIe slots x 7
Material	• Material: SGCC • Thickness: 1.2mm
Rail Kit	28" tool-less & ball-bearing slide rails included
Product Dimensions (DxWxH; Chassis Only)	650 x 438 x 288.9mm (25.59" x 17.24" x 11.37")
Package Dimensions (DxWxH)	840 x 610 x 439mm (33.07" x 24.02" x 17.28")
Weight	• Net weight: 30.35 kg • Gross weight: 34.47 kg
Cubic Feet	7.94
Container Information	Single packing with pallets: • 20’: 80pcs • 40’: 184pcs • 40'HQ: 230pcs



Optional Items

Item	Part Number	Description	Support
Slide Rail	3RAMIS152700	28" tool-less & ball-bearing slide rails	1 set
Power Supply	3RAMAP048700	80 PLUS Titanium 3200W CRPS Included (AC Input 100-110V: 1340W Max. / 110-120V: 1500W Max. / 200-207V: 2900W Max. / 207-220V: 3000W Max. / 220-240V: 3200W Max.)	Max. 3
Power Supply	3RAMAP049000	2+1 CRPS Power Cage with PDB Included	1
Cable	3RAMW8014100	Power cord, American standard (IEC C19, 14 AWG, L1830 mm, 15A)	Max. 3
Cable	3RAMW8014500	Power cord, European standard (IEC C19, 3G 1.5 mm^2, L1830 mm, 16A)	Max. 3
Cable	3RAMW8017000	Power cord, British standard (IEC C19, 3G 1.5 mm^2, L1830 mm, 13A)	Max. 3

* The actual product is subject to change without prior notice. In Win Development Inc. reserves the right to make any final modifications
* The adjacent image is for reference only. All hardware components and optional parts are not included.