

IW-RG658 PRO

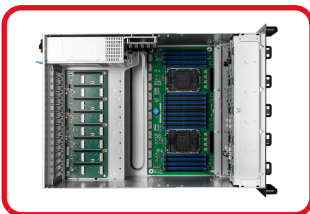
6.5U GPU Rackmount Chassis

IW-RG658 PRO eDM



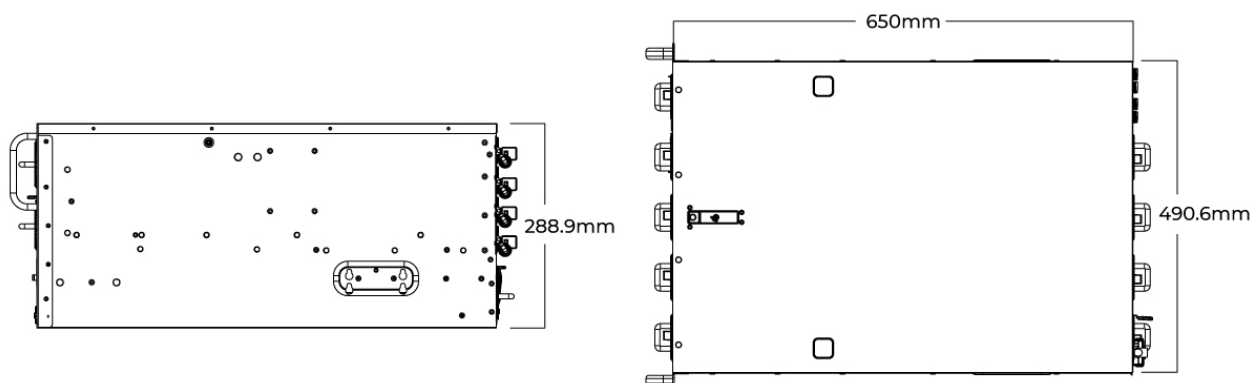
Features & Benefits

- GPU-optimized server, engineered for AI, deep learning, LLM, and HPC workloads
- Compatible with dual 5th Gen Intel® Xeon® Scalable processors, supporting up to 32 DDR5 DIMM slots
 - Supports up to 8 x NVIDIA RTX™ 6000 Pro GPUs via pre-installed PCIe converter board
- Advanced thermal architecture with 14 × 80×56 mm PWM fans at 17,000 RPM for full-load GPU cooling
- Redundant 3+1 80 PLUS® Titanium CRPS power supplies delivering up to 9.6 kW of efficient, stable power
 - Flexible storage configuration supporting up to 8 hot-swappable E1.S NVMe trays



Specifications

Industry Standard	Compatible with EIA-RS310D standard 19" cabinets
Form Factor	6.5U rack • 4.5U upper chamber for GPU (maximum length up to 360mm) • 2U lower chamber for system components
M/B Form Factor	M/B Proprietary (16.93" x 13.79")
Processor	Support 2x 5th Gen Intel Xeon® Scalable processors, up to 350W
Memory	Support up to 8TB using 32x DDR5 ECC DIMMs, up to 4800MHz
GPU	Supports up to 8x NVIDIA RTX™ A6000 or RTX™ 6000 Pro GPUs
Drive Bay	Support: • External front NVMe E1.S 15mm hot-swap trays x 8 (Optional) • External rear 2.5" Hot-Swap trays x 4 (Pre-installed)
Power Supply	Pre-installed: • Form factor: 3+1 80 PLUS Titanium CRPS • Total Watt: 9600W
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	• Pre-installed 80 x 56 mm PWM front fans x 10, 17000 RPM for GPU cooling • Pre-installed 80 x 56 mm PWM rear fans x 4, 17000 RPM for M/B cooling
Expansion Slot	Full-height PCIe slots x 16 - Supports up to 8 x GPUs via 1 x PCIe converter board with MCIO cables to MB
Material	• Material: SGCC • Thickness: 1.2mm
Rail Kit	30" tool-less & ball-bearing slide rails included
Product Dimensions (DxWxH; Chassis Only)	650 x 490.60 x 288.9 mm (25.59" x 19.31" x 11.37")
Package Dimensions (DxWxH)	980 x 630 x 489 mm (38.58" x 24.80" x 19.25")
Weight	• Net weight: 35.33 kg • Gross weight: 29.38 kg
Cubic Feet	10.66
Container Information	Single packing with pallets: • 20': 48 pcs • 40': 108 pcs • 40'HQ: 144 pcs



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