IW-RG658 PRO

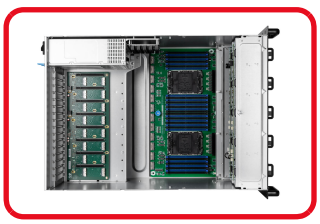
6.5U GPU Rackmount Chassis

IW-RG658 PRO eDM

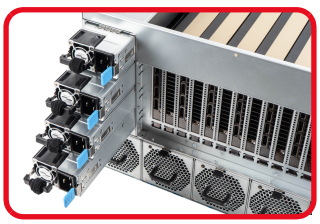


Features & Benefits

- 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™ PRO 6000 GPUs via pre-installed PCIe converter board
- Advanced thermal architecture with 14 × 80×56 mm PWM fans up to 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









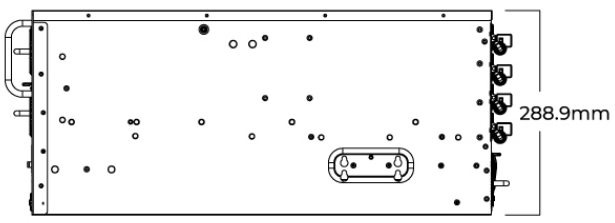
IW-RG658 PRO

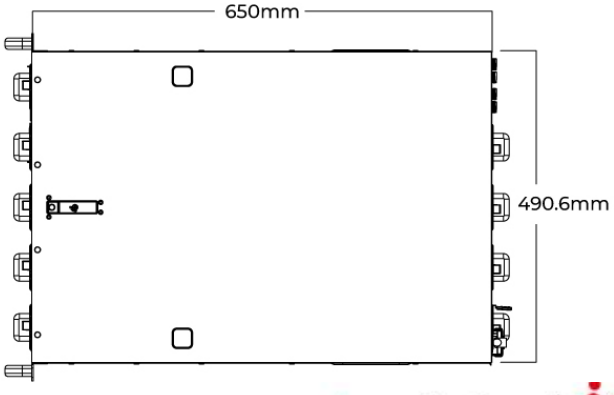
6.5U GPU Rackmount Chassis

IW-RG658 PRO eDM

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	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: 39.38 kg
Cubic Feet	10.66
Container Information	Single packing with pallets: • 20': 48 pcs • 40': 108 pcs • 40'HQ: 144 pcs





Optional Items

Item	Part Number	Description	Support
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. 4
Drive Kit	2RAKIB116400	8-Bay E1.S Drive Module Kit (Includes 8-Bay E1.S Drive Module × 1, MCIO 8i to MCIO 8i Cable, L270 mm × 4, and 6-to-10-Pin Micro-Fit 3.0 Cable, L550 mm × 1)	Max. 2 Sets
Cable	3RAMW8014100	Power cord American standard (IEC C19 3C#14,L1830mm,15A)	Max. 4
Cable	3RAMW8014500	Power cord European standard (IEC C19 3G,1.5mm2,L1830mm,16A)	Max. 4
Cable	3RAMW8017000	Power cord British standard (H05VV-F1.5mm2-3G,L1830mm,13A)	Max. 4
Slide Rail	3RAMIS133301	30" tool-less & ball-bearing slide rails	1 set

* 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.