

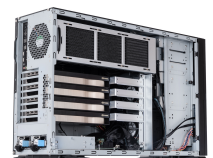
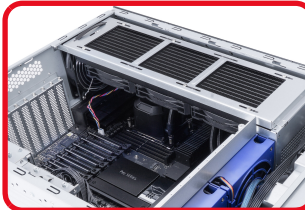
IW-PLM

Air/Liquid-Cooled GPU Workstation



Features & Benefits

- Premium GPU workstation platform for AI, HPC, and professional computing
- Flexible deployment with air-cooled, liquid-cooled pedestal, or 4U rackmount options
 - Supports up to 2 × RTX™ 5090 or 4 × RTX™ A6000 GPUs
 - 8 full-height PCIe slots for high-end GPUs
- Up to 12 × 2.5" / 3.5" hot-swap bays supporting U.2 NVMe / SAS4 / SATA drives
 - PCIe Gen5 NVMe & SAS4 hybrid backplane architecture
- Compatible with Intel® Xeon® and AMD EPYC™ platforms
 - 3 × 120×38 mm PWM hot-swap middle fans with dedicated fan board
 - Lockable front and side panels

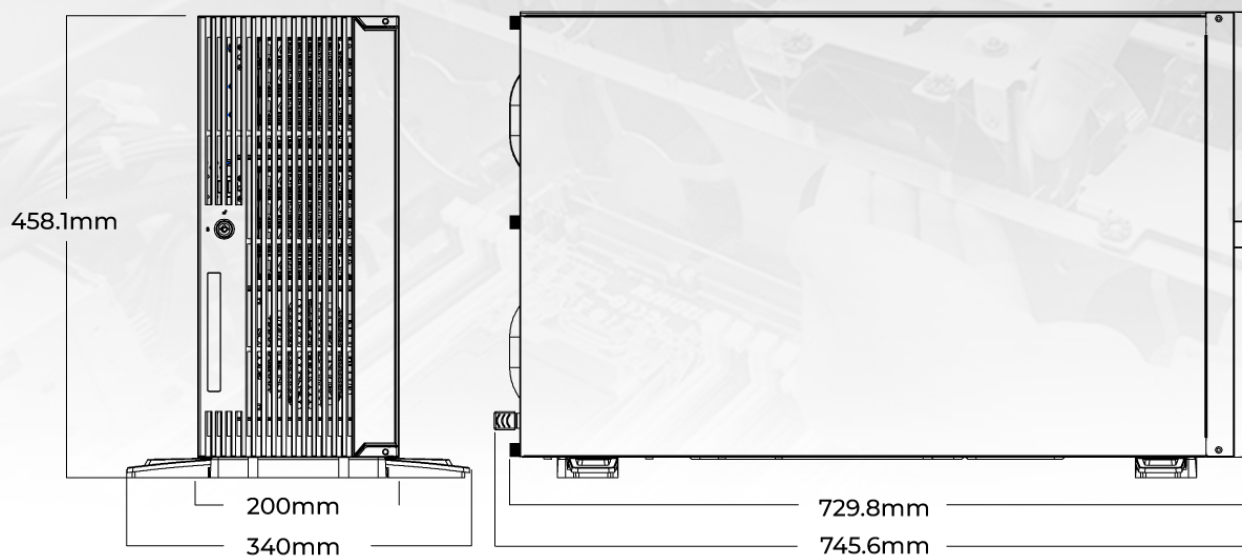


Specifications

Industry Standard	Compatible with EIA-RS310D standard 19" cabinets
M/B Form Factor	M/B Form Factors ATX(12" x 9.6"), CEB(12" x 10.5"), EEB(12" x 13")
Drive Bay	• Supports up to IW-SK34-09 storage kits x3 (2 pre-installed) • 2.5"/3.5" hot-swap bays x4 per storage kit (Supports U.2 NVMe / SAS / SATA drives)
Power Supply	Supports: • Form factor: 1+1 CRPS, 80 PLUS Titanium • Watt: 2700W/3200W • CRPS PDB pre-installed, with modular power cables
Indicators	Power status, HDD, LANs, system fail activity LEDs
Front Control Panel	Power Switch, ID Switch, System Reset, NMI, USB 3.0 x 2
Backplane	• Host: MCIO 4i x 4 for NVMe, SlimSAS 4i (SFF-8654) x 1 for SAS/SATA • Drive: NVMe/SAS/SATA HDD x 4
Cooling Fans	PLM-A (Air-Cooled) / PLM-L (Liquid-Cooled) / PLM-R (Rackmount): • Middle: Hot-swap fan kit x3, each with a 120 x 38 mm PWM fan and fan board (PLM-A/PLM-R: 3 pre-installed, PLM-L: 2 pre-installed) • Rear: 120 x 25mm PWM fan x 1 (pre-installed) • External Rear: GPU cooling fan kit, 80 x 38mm, 8300RPM (optional)
Water Cooling Kit	PLM-L (Liquid-Cooled) only: Package: • Top IW-LSA36 360 mm AIO liquid cooler x 1 (Intel® LGA4710/4677) • 120 x 25 mm PWM fans x 3, 2700 RPM
Expansion Slot	Full-height PCIe slots x 8
Material	• Material: SECC • Thickness: 1.0mm
Chassis Security	Supports: • Padlock loop and Kensington lock slot • Intrusion switch (optional)
Maximum Capacity	• GPU length: 360mm • CPU heatsink height: 155mm
Rail Kit	Supports 30" ball-bearing slide rail
Product Dimensions (DxWxH; Chassis Only)	745.6 x 200 x 458.1mm (29.3" x 7.9" x 18")
Package Dimensions (DxWxH)	610 x 1030 x 375 mm
Cubic Feet	8.32
Container Information	Single packing with pallets: • 20': 80 pcs • 40': 180 pcs • 40'HQ: 180 pcs

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Backplane Specifications

Backplane	PCIe Gen5 NVMe & SAS4 hybrid backplane
Data Transfer Rate	PCIe Gen5 32 GT/s, SAS4 24 Gb/s
Dimension (W x H)	111.5mm x 111.5mm
Backplane Type	Passive
Host Interface	MCIO 4i x 4 for NVMe, SlimSAS 4i (SFF-8654) x 1 for SAS/SATA
Drive Interface	NVMe / SAS / SATA x 4

Optional Items

Item	Part Number	Description	Support
Power Supply	3RAMAP049900	80 PLUS Titanium CRPS 2700W pre-installed (AC Input 100-127V: 1350W Max. / AC Input 200-240V: 2700W Max.)	Max. 2
Power Supply	3RAMAP048700	80 PLUS Titanium 3200W CRPS (AC Input 100-110V: 1340W Max / AC Input 110-120V: 1500W Max. / AC Input 200-207V: 2900W Max. / AC Input 207-220V: 3000W Max. / AC Input 220-240V: 3200W Max.)	Max. 2
Storage Kit	2RAKID167801	IW-SK34-09, external 2.5"/3.5" hot-swap bays x 4, supports U.2 NVMe/SAS/SATA drives (*Included IW-SK34-09 x 2)	Max.3
Drive Tray	2RAKPH074600	2.5"/3.5" hot-swap HDD tray, green (*Included)	Max. 12
Drive Tray	2RAKPH075300	2.5"/3.5" hot-swap drive tray, black	Max. 12
Water Cooling kit	2RAKBA007600/ 3RAMFS025600	IW-LSA36, 360mm AIO liquid cooler (Intel® LGA 4710/ 4677) / IW-DN Max, 120 x 25mm PWM fans x 3	1 set
Fan	3RAMFB014300	120 x 25mm PWM fan, 2700RPM, 4-pin	1
Fan	2RAKFB021800	Hot-Swap Middle Fan Kit: 120 × 38 mm PWM fan, 4-pin, with fan bracket and fan board	Max.3
Fan	3RAMFB022100	120 × 38 mm PWM fan, 6500RPM, 4-pin, for Hot-Swap Middle Fan Kit	Max.3
Fan	2RAKID079801	External rear fan kit for GPU cooling, 80x38mm, 8300RPM	1
Dummy Bay Cover	2RAPIC046300	4-Bay 3.5" filler panel	1
Cable	3RAMW4031700	Mini-SAS HD cable, 12Gb/s, SFF-8643 to SFF-8643, 800 mm	1
Slide Rail	3RAMIS133301	30" tool-less & ball-bearing slide rail	1
Others	3RAMRW011300	Intrusion switch / 800mm	2
Others	2RAKIP033000	Mesh front panel	1
Others	2RAKISS123900	Rack mounting ear (L)	1
Others	2RAKIS124000	Rack mounting ear (R)	1

* InWin NVMe backplanes support PCIe Gen5 data transfer speeds. Actual speed depends on motherboard and drive specifications.

* All components and optional parts are not included. In Win Development Inc. reserves the right to make final modifications.