

IW-PLG Tower

High Performance GPU Workstation

Pedestal Tower



Features & Benefits

- Compatible with Intel[®] Xeon[®] Scalable and AMD EPYC[™] processors
 - 9 PCIe slots supporting up to 4 x FHFL double-width GPUs
 - Adjustable GPU retention bracket for full-height GPU cards
- High efficiency 80 PLUS[®] Platinum CRPS power module with PDB optimization
 - Maximum 14 drive bays with 12 x 2.5"/3.5" hot-swap and 2 x 2.5" internal
- Configurable with up to 3 x 4-bay hybrid backplanes, supporting PCIe Gen5 NVMe & SAS4 for IW-PLG Gen5 or PCIe Gen4 NVMe & SAS3 for IW-PLG
- Up to 6 fans for optimized cooling: 3 x 92mm, 1 x 120mm, and 2 x 80mm rear fan kit
 - Rack-mountable with optional slide rail support
 - Lockable front and side panel



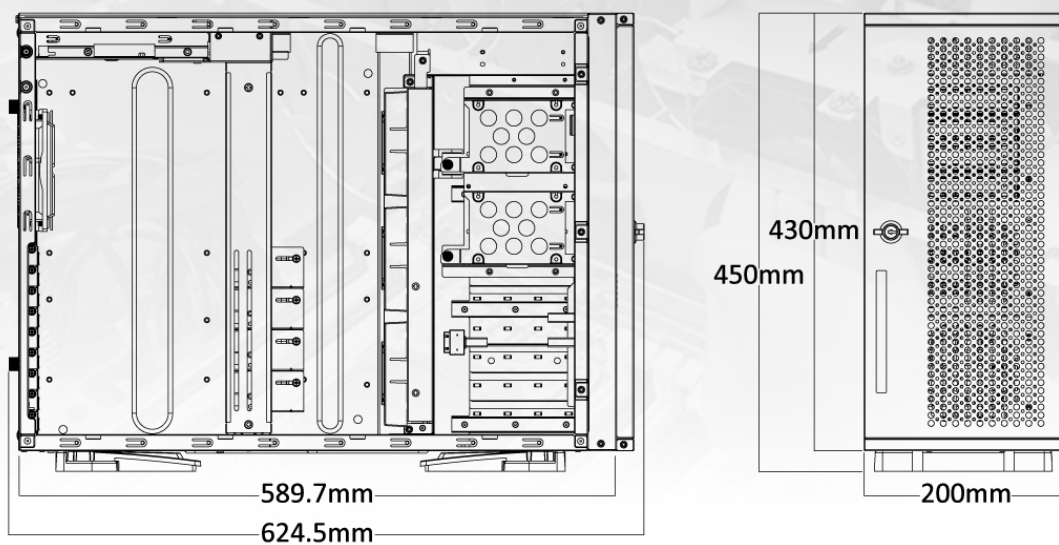
Specifications

Industry Standard	Compatible with EIA-RS310D standard 19" cabinets
M/B Form Factor	ATX(12" x 9.6"), CEB(12" x 10.5"), EEB(12" x 13")
Drive Bay	• External 2.5"/3.5" hot-swap trays x 12 (pre-installed x 8), 5.25" x 1 • Internal 2.5" x 2 or 3.5" x 1
Power Supply	Supports: • Form factor: 80 PLUS Platinum CRPS with PDB cable management • Watt: 800W/1200W/1600W/2000W
Indicators	Power status, HDD LED, LAN1/LAN2/LAN3/LAN4 LED, ID LED, system fail activity LED
Front Control Panel	Power switch, ID switch, system reset, NMI, USB 3.0 x 2
Chassis Security	Supports padlock loop and Kensington lock slot
Backplane-1	24Gbps supported x 3 (pre-installed x 2) • Host: MCIO 4i x 4, SlimSAS 4i (SFF-8654) x 1 • HDD: NVMe/SAS4/SATA x 4
Backplane-2	12Gbps supported x 3 (pre-installed x 2) • Host: OCuLink (SFF-8611) x 2, Mini-SAS HD (SFF-8643) x 1 • HDD: NVMe x 2 and SAS3/SATA x 2 or SAS3/SATA x 4
Cooling Fans	• Middle: 92 x 25mm PWM fan x 3 (Pre installed: 3 for IW PLG, 2 for IW PLG Gen5) • Rear: 120 x 25 mm PWM fan x 1 • Optional rear fan kit for GPU cooling, 80 x 38 mm, 8300RPM
Expansion Slot	Full-height PCIe slot x 9
Material	• Material: SGCC • Thickness: 1.0mm
Rail Kit	Supports 28" tool-less & ball-bearing slide rail
Product Dimensions (DxWxH; Chassis Only)	589.7 x 200 x 430mm (23.22" x 7.87" x 16.93")
Maximum Capacity	• GPU length: Max. 330mm • CPU heatsink height: Max. 145mm
Package Dimensions (DxWxH)	860 x 610 x 360mm
Weight	• Net weight: 16.95kg • Gross weight: 21.28kg
Cubic Feet	6.67
Container Information	Single packing with pallets: • 20': 100pcs • 40': 220pcs • 40' HQ: 264pcs

IW-PLG Tower

High Performance GPU Workstation

Pedestal Tower



Backplane Specification

Backplane Type-1	PCIe Gen5 NVMe & SAS4 hybrid backplane
Data Transfer Rate	PCIe Gen5 32GT/s, SAS4 24GT/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
HDD Interface	NVMe/SAS4/SATA x 4

Backplane Type-2	PCIe Gen4 NVMe & SAS3 hybrid backplane
Data Transfer Rate	PCIe Gen4 16GT/s SAS3 12Gb/s
Dimension (W x H)	111.5mm x 111.5mm
Backplane Type	Passive
Host Interface	OCuLink (SFF-8611) x 2, Mini-SAS HD (SFF-8643) x 1
HDD Interface	NVMe x 2 and SAS3/SATA x 2 or SAS3/SATA x 4

Optional Items

Item	Part Number	Description	Support
Slide Rail	3RAMIS152700	28" tool-less & ball-bearing slide rail	1
Power Supply	3RAMAP025201	80 plus platinum CRPS 800W	1
Power Supply	3RAMAP026501	80 plus platinum CRPS 1200W (AC input 100-127V, total power 800W max. / AC input 200-240V, total power 1200W max.)	1
Power Supply	3RAMAP027800	80 plus platinum CRPS 1600W (200-240V)	1
Backplane	2RBTVI000200	12Gb/s backplane	Max.3
HDD Tray	2RAKPH038000	Screwless tray for 2.5" / 3.5" HDD	Max. 4
Cable	3RAMW4031700	Mini SAS 12G cable SFF-8643 to SFF-8643, length 800mm	Max.3
Cable	3RAMW4036300	4x SATA to Mini SAS 12G cable SFF-8643 , length 600mm	Max.3
Others	2RAKIS232800	PLG ear bracket (L)	1
Others	2RAKIS232900	PLG ear bracket (R)	1
Others	2RAKID079800	Rear fan kit for GPU thermal, 80x38mm, 8300RPM	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.