IW-MS07

Micro-ATX Workstation

Features & Benefits

- Powered by PCIe Gen5 NVMe and SAS4, this hybrid workstation delivers enterprise-grade expandability
- Hot-swappable drive bays support NVMe / SAS / SATA interface
- Preinstalled IW-SK-09 series storage kits for easy drive installation and simplified maintenance
- Scalable data storage solutions designed for NAS, AIoT, and data backup applications
- Equipped with high-efficiency 80 PLUS Platinum redundant power supplies
- 80 PLUS Platinum PSU support for CRPS and ATX
- Four PCIe slots accommodate high-end GPUs, optimized for AI workstations
- Up to five cooling fans to ensure superior heat dissipation and optimal system performance

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Specifications

M/B Form Factor	Micro-ATX (9.6" x 9.6"), Mini-ITX (6.7" x 6.7")
Drive Bay	• Storage Module: - Standard IW-SK35-09: 3.5" / 2.5" x 5 (Supports U.2 NVMe / SAS / SATA drives) - Optional IW-SK34-09: 3.5" / 2.5" x 4 (or full IW-SK series storage kits) • External 2.5" hot-swap trays x 2 (SAS / SATA) • Internal 2.5" x 4
Power Supply	Supports: • CRPS: 1200W (1+1) Redundant, 80 PLUS Platinum • ATX: 1300W, 80 PLUS Platinum
Indicators	Power status, LAN1, LAN2, HDD, ID, system fail activity LEDs
Front Control Panel	Power switch, system reset, USB 3.0 x 2, Type-C x1
Chassis Security	• Supports padlock loop and Kensington lock slot • Intrusion switch (optional)
Cooling Fans	• Front:120 x 25 mm PWM fans x 2 (pre-installed) • Rear: 120 x 25 mm PWM fans x 1 (pre-installed), 80 x 25 mm PWM fans x 2
Expansion Slot	Full Height PCIe Slot x 4
Material	• Material: SECC • Thickness: 1.0
Maximum Compatibility	• GPU length: Max. 340 mm; height: Max. 120 mm (both including power connectors) • CPU heatsink height: Max. 130 mm • Power supply length: Max. 220 mm
Product Dimensions (DxWxH; Chassis Only)	406.6 x 275 x 305 mm
Package Dimensions (DxWxH)	590 x 400 x 410 mm
Weight (Chassis Only)	Net Weight / Gross Weight: • IW-MS07+IW-SK35-09+CRPS: 13.65 kg / 15.59 kg • IW-MS07+IW-SK34-09+CRPS: 13.85 kg / 15.77 kg
Cubic Feet	3.42
Container Information	Single Packing with pallets: 20’: 160pcs 40’: 368pcs 40’HQ: 460 pcs

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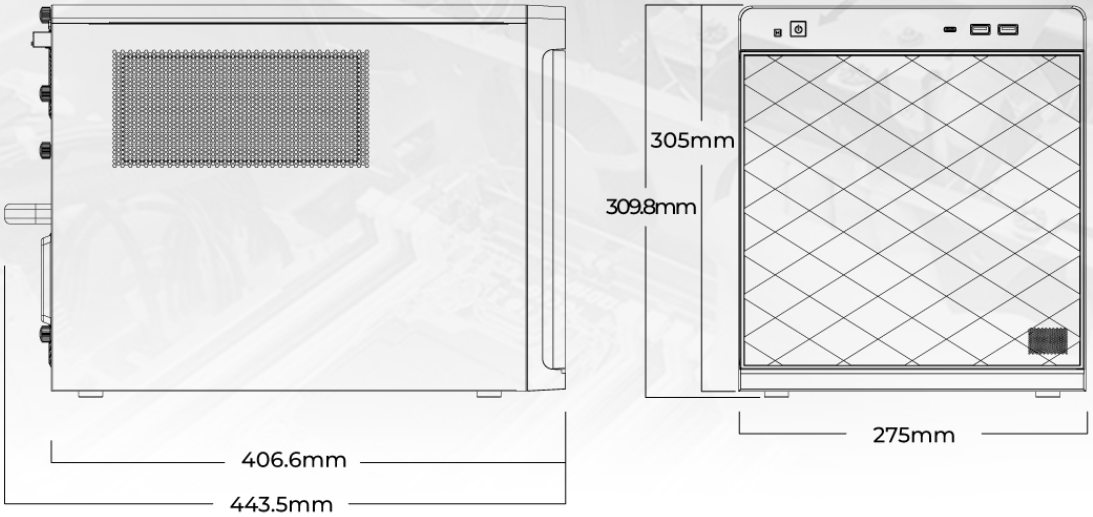

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IW-SK34-09 Backplane Specifications

Backplane	PCIe Gen5 NVMe & SAS4 hybrid backplane
Dimension (W x H)	111.5mm x 111.5mm
Backplane Type	Passive
Host Interface	MCIO 4i x 4, SlimSAS 4i (SFF-8654) x 1 for SAS/SATA
HDD Interface	NVMe/SAS/SATA HDDs x 4

IW-SK35-09 Backplane Specifications

Backplane	PCIe Gen5 NVMe & SAS4 hybrid backplane
Dimension (W x H)	137mm x 107mm
Backplane Type	Passive
Host Interface	MCIO 4i x 5, SlimSAS 4i (SFF-8654) x 1 for SAS/SATA, SATA x 1
HDD Interface	NVMe x 5 or SAS x 4 + STAT x 1 or SATA x 5

Optional Items

Item	Part Number	Description	Support
Power Supply	3RAMAP049300	80 PLUS Titanium CRPS 1300W (AC input 90–132V, total power 1000W max. / AC input 180–264V, total power 1300W max.)	2
Power Supply	3RAMAP050200	Power cage with PDB for CRPS, Max. 1300W	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.)	2
Power Supply	3RAMAP042300	Power cage with PDB for CRPS, Max. 1200W (short type)	1
Power Supply	3RAMAP046201	80 PLUS Platinum 1300W ATX power supply (IW-P130II)	1
Power Supply	3RAMW7091101	Power extension cable 24-pin to 24-pin / 1+3-pin	4
Storage Kit	2RAKID74800	IW-SK23-09, external 2.5"/3.5" x 3, supports U.2 NVMe/SAS/SATA drives	1
Storage Kit	2RAKID167800	IW-SK34-09, external 2.5"/3.5" x 4, supports U.2 NVMe/SAS/SATA drives	1
Storage Kit	2RAKID167900	IW-SK35-09, external 2.5"/3.5" x 5, supports U.2 NVMe/SAS/SATA drives (*included)	1
Storage Kit	3RAMW6005400	MCIO (SFF-TA-1016) 8i to 2 x MCIO (SFF-TA-1016) 4i Cable, 500 mm	Max. 2
Storage Kit	3RAMW4092200	SlimSAS (SFF-8654) 8i to 2 x SlimSAS (SFF-8654) 4i Cable, 600 mm	1
HDD Tray	2RAKPH075400	2.5" hot-swap HDD tray (*included)	2
HDD Cage Kit	2RARID047501 / 3RAMW7121800	2-in-1 2.5" HDD Bracket / SATA-to-SATA + PMBus Split Cables	Max.2 sets
Fan	3RAMFS025600	IW-DN Max, 120 x 25mm PWM fan, 2700RPM, 4pin (* included front x 2, rear x 1)	3
Fan	3RAMW7111600	PWM fan extension cable 500m (*included)	3
Fan	3RAMFB008602	80 x 25mm PWM fan, 4500 RPM, 4pin	Max.2
Dummy Bay Cover	2RATPC175700	2.5" HDD bay plastic dummy cover	1

Item	Part Number	Description	Support
Dummy Bay Cover	2RAVIC110800	2.5" HDD bay metal dummy cover	1
Dummy Bay Cover	2RAKIC037600	5.25" drive bay plastic dummy cover	Max.3
Others	3RAMRW053600	Intrusion switch / 220mm	1

* The actual product is subject to change without prior notice. In Win 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.