



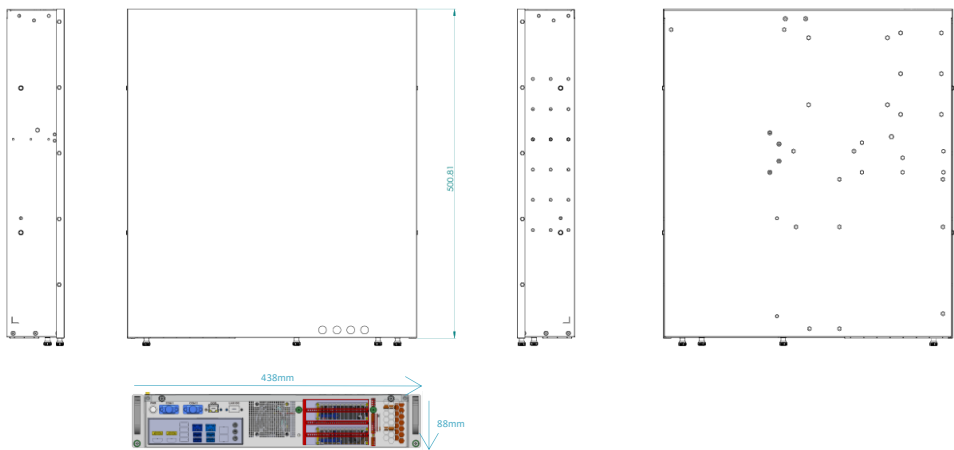
Feature

- **Intel® Q870 & PCIe Gen5:** Supports Blackwell Pro 6000 and Qualcomm AI100 Ultra for AI performance.
- **Support 256GB DDR5 Memory:** Features 4x U-DIMM slots for massive data processing and scalability.
- **Flexible Storage:** Storage bays for up to 5x 2.5" SSDs (supports up to 3x 3.5" HDDs.)
- **Front-Access 2U Design:** 2x USB 2.0, SSD/HDD LED, and reset button for simplified maintenance.
- **Rugged GPU Stabilization:** Built-in holder ensures card stability and signal integrity in harsh conditions.

Specifications

Model Number		AIP-RQ87-A1
CPU	Processor	Intel® Core™ Ultra 5/7/9 processors (Arrow Lake-S), up to 65W
	Chipset	Intel® Q870 Chipset
System Memory		4 x 288-pin CU-DIMM DDR5 6400 MHz, U-DIMM DDR5 5600 MHz, up to 256GB (64GB per DIMM)
Storage	Drive Bays	5 x 2.5 SATA SSDs(or 3 x 3.5 HDDs+2 x 2.5 SATA SSDs) Support RAID 0/1/5/10
	M.2	1 x M.2 (Key M, 2242/2280) with PCIe Gen5 x4 for SSD 1 x M.2 (Key M, 2242/2280) with PCIe Gen4 x4 for SSD
Front I/O	Buttons	System Power, reset button
	LED	Storage Activity
Rear I/O	USB	7 x USB 3.2 Gen2 x 1 (Type-A) 1 x USB4 (Type-C)
	Ethernet	1 x 1Gbps 1 x 2.5Gbps
	Display	1 x HDMI 2.1 1 x DP 1.4a++
	COM	COM1 (RS-232/422/485)
	Audio	1 x Mic-in, 1 x Line-out, 1 x Line-in(Realtek ALC897 HD)
Expansion	PCIe	2x PCIe x16 slots (1x Gen5 x16 signal or 2x Gen5 x8 signals) via Riser Cable
	M.2	1x M.2 E-Key 2230 (PCIe Gen 4 x1)
	Option	1x 10G LAN 2x COM 1x OOB
Power	Consumption	Full loading : up to 2000 Watts
	Input /Connector	AC-in 110~220VAC 1,000W: 100~127V, 12A 2,000W: 220~240V, 10A
Dimension	W x Dx H	438 x 500 x 88 mm
Weight	Net Weight	9.8 kg
	Gross Weight	13.5 kg
Vibration		1Grms ,IEC60068-2-64,Random,5 ~ 500 Hz ,1Hr / Axis (operation, w/2x RTX Pro 6000 Blackwell)
Shock		10G, IEC 60068-2-27, Half Sine, 11 ms Duration (operation, , w/2x RTX Pro 6000 Blackwell)
Temperature		Operating Temp.: 0℃ ~ +40℃ (32℉ ~ 122℉) Storage Temp.: -40℃ ~ +85℃ (- 40℉ ~ 185℉)
		* 0℃ ~ 35℃ for RTX Pro 6000 Blackwell Workstation configurations
Humidity		Operating Relative Humidity: 8% to 80% (non-condensing) Non-operating Relative Humidity: 8% to 90% (non-condensing)
OS Support		Windows 11/ Ubuntu 22.04
Security		TPM 2.0
Certification		CE / FCC Class A / UKCA / LVD / RoHS

System & Mounting Dimension



Ordering Information

Model name	Description
AIP-RQ87-A1QC	AIP-RQ87-A1QC Bare system w/2,000W CRPS power supply and Slide Rail (w/o CPU, RAM, SSD, GPU card)
AIP-RQ87-A1NV	AIP-RQ87-A1NV Bare system w/2,000W CRPS power supply and Slide Rail (w/o CPU, RAM, SSD, GPU card)

GPU Card (Optional)

Model	Part No.	Description
QUALCOMM CLOUD AI100 ULTRA	91-02QUAL-0000	QUALCOMM AI 100 ULTRA, PCIE4.0 16X, 128G LPDDR4X, PASSIVE 150W, PCIE FH3/4L.
NVIDIA RTX PRO 6000 BLACKWELL WORKSTATION EDITION 96GB	<u>61-026000-B001</u>	PCIE Gen5.0 x16, NVIDIA RTX PRO6000, 96GB GDDR7, 4x DP2.1b, Dual slot, full height, Active thermal, 600W, 0°C to +40°C
NVIDIA RTX PRO 6000 BLACKWELL MAX-Q WORKSTATION EDITION 96GB	<u>61-026000-B000</u>	PCIE Gen5.0 x16, NVIDIA RTX PRO6000, 96GB GDDR7, 4x DP2.1b, Dual slot, full height, Active thermal, 300W, 0°C to +40°C