

AIR-520

Edge AI Server for LLM model Fine-tune Training On Premise



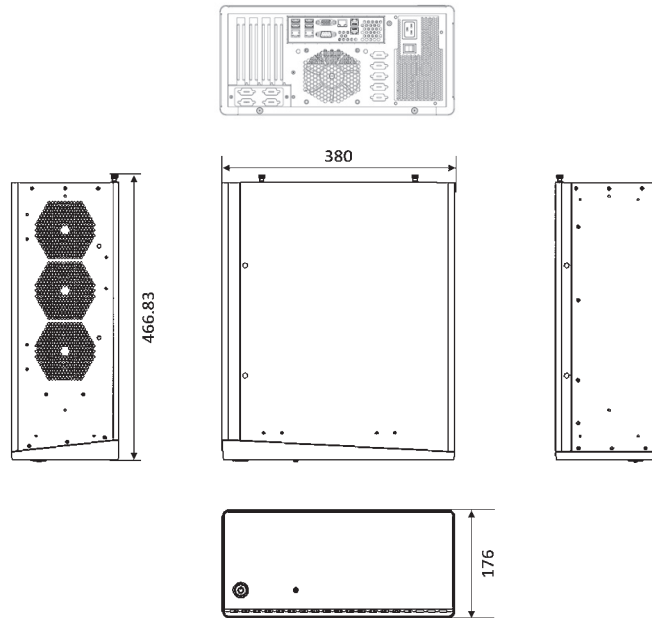
WISE-DeviceOn

Specifications

Advantech PN	AIR-520-L70A2	AIR-520-L70A1	AIR-520-L33A1	AIR-520-L13A1
LLM Training Size	70B	70B	33B	13B
CPU	AMD EPYC 7543P 32C	AMD EPYC 7543P 32C	AMD EPYC 7313P 16C	AMD EPYC 7313P 16C
Memory	512GB DDR4 (128GBx2 + 64GBx4)	512GB DDR4 (128GBx2 + 64GBx4)	256GB DDR4 (64GBx4)	128GB DDR4 (64GBx2)
Storage	8TB SATA SSD	8TB SATA SSD	8TB SATA SSD	2TB SATA SSD
GPU Card	RTX 6000 Ada x 2	RTX 4000 Ada x 4	RTX 4000 Ada x 2	RTX 4000 Ada x 1
SQ AI SSD	4TB	4TB	2TB	1TB
NVAIE	Optional	Not supported	Not supported	Not supported
OS			Ubuntu 22.04	
Power switch			1 with LED	
Power remote Jack			1 2.5Φ Jack	
Display ports			1 VGA from BMC	
USB			4 USB Gen2 x1	
LAN			LAN1/2: 2.5GbE Intel i226-LM; LAN3/4: 10GbE Intel X550; LAN5: BMC LAN	
Serial			1 RS-232	
Certification			CE / FCC / LVD / BSMI / CCC	
Power Supply Unit			1200W built-in	
Mounting bracket			4U Rack Mount	
Support LLM Models			Llama-2-7B, 13B, 70B Vicuna-33B CodeLlama-7B, 13B, 70B Mistral-7B-Instruct-v0.2 Breeze-7B TAIDE-7B Whisper-V2, V3 Mixtral-8x7B, 8x22B Llama-3-8B, 70B Qwen1.5-14B, 72B Yi-1.5-6B, 9B, 34B	

Dimensions

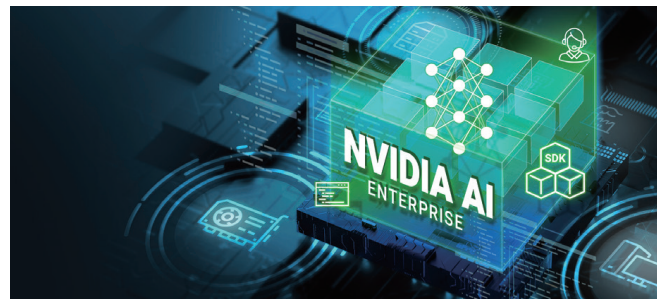
Unit: mm



Optional Accessory

Item	Part Number
Power Cable	1700021723-02 (US/ CN/ TW)
	1700023533-01 (EU)
	1700023534-01 (UK)
	1700023536-01 (JP)
NVIDIA AI Enterprise License	Contact Sales

NVAIE



As a Global Distributor of NVIDIA AI Enterprise Software, Advantech offers top-tier development tools, such as the NeMo toolkit, for custom GenAI.

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