

AIR-510

AI Workstation with 3 PCIe Expansion Slots



WISE-DeviceOn

Features

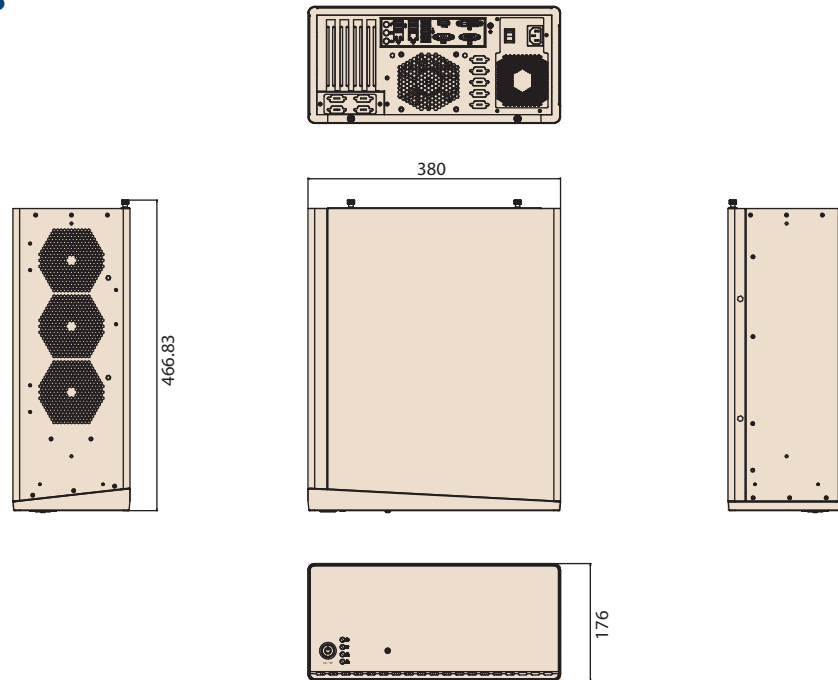
- 4U AI Workstation supports 14th gen Intel Core processors
- Able to feature 1x 300W graphic card and 2x PCIe add-on cards
- Up to 8 Shock Resistant 2.5" drive bays
- To accommodate ATX 3.0 850W PSU for different applications
- NVIDIA Certified workstation with RTX 6000 Ada

Specifications

Model Name		AIR-510-000A1
Dimensions (W x H x D)	Dimensions (W x H x D)	380 x 176 x 454.1 mm
System Thermal Design	CPU Cooler	CPU cooler for 65W TDP 1970005349T001
	System Fan	1 Fan Axial 91x91x25
Environmental Conditions	Operating Temperature	0 ~ 40°C (w/o Graphic card)
	Non-operating Temperature	-20 ~ 60°C
	Humidity	10 ~ 95% @ 40° C, non-condensing
	Vibration (5 ~5 00Hz)	3Grms
CPU		Intel 14th Gen. 65W Embedded series; Intel 13th Gen. 65W Embedded series; Intel 12th Gen. 65W Embedded series;
Chipset		Q670E
Storage		8 x 2.5" HDD/SSD
Front IO	Power switch	1
	LED	1 Power-On LED 1 HDD LED
	Power remote Jack	1 2.5Φ Jack
	USB Type-A	2 USB3.2 Gen1
Rear IO	Display ports	2 DP ports 4096 x 2304 @ 60 Hz 1 HDMI
	USB	5 USB Gen2 x1 4 USB Gen1 1 USB Gen2 x2 Type-C
	LAN	2 RJ45 GbE LAN1: Intel I219LM LAN2: Intel I226V
	Audio	1 Mic-in, 1 Line-out
Certification	EMC / Safety / Certifications	CE / FCC / CCC / CB / UL
Power Requirements	Power Supply Unit	850W ATX 3.0 built-in
Weight		15.5 Kg
Mounting bracket		4U Rack Mount (Optional)
PCIe Expansions		1 PCIe x16
		2 PCIe x4

Dimensions

Unit: mm



Ordering Information

Model					Front IO		Rear IO							
	PSU	Chipset	UDIMM 288-Pin Slot	2.5" SATA Bay	USB3.2 Gen1 Type-A	Display Port	HDMI	GbE	2.5 GbE	USB3.2 Gen2 x2	USB3.2 Gen1	USB Type-C Gen2 x2	PCIe x4	PCIe x16
AIR-510-000A1 Bare-bone	850W	Q670E	4	8	2	2	1	1	1	5	4	1	2	1

Remarks
Bare-bone, NO CPU, NO RAM, NO Storages

Packing List

Item	Part Number	Quantity
CPU Cooler	1970005349T001	1
2.5" Storage Metal Tray	1960115564N000	2
SATA Cable	1700003194	8
Screw M3*4 To Fix 2.5" Storage	1930005836-01	32
CABLE TIE (P.G. GT-160M)	1992822010	6

Embedded OS/API

OS	Part Number	Description
Windows	TBD	Win10 IoT LTSC
Ubuntu	TBD	Ubuntu 22.04

Optional Accessory

Item	Part Number	Description
Power Cable	1700000596-11	Power cable 3-pin 183cm, China type
	1702031801	Power cable 3-pin 183cm, UK type
	1702002600	Power cable 3-pin 183cm, USA type
	1702002605	Power cable 3-pin 183cm, Europe type
	1700000237-01	Power cable 3-pin 183cm, Japan type