

AI Inference / SuperEdge

PCIe Series AIS-D422-A1



Features

- Intel® Xeon® processor D-2146NT, CPU TDP support 80W
- Up to 512GB ECC LRDIMM, up to 256GB reg. ECC RDIMM. DDR4-2400Mz; in 4 DIMM slots
- 2x PCI-E 3.0 x16(FHFL) slots or 2x PCI-E 3.0 x8, 1x PCI-E 3.0 x16 (FHFL) slots
- M.2: 1x M-Key 2280/22110, 1x E-Key 2230, 1x B-Key, 3042
- 9x GbE (one for Ethernet management), 2x 10GbE, 2x 10G SFP+, and 1x Dedicated IPMI LAN port

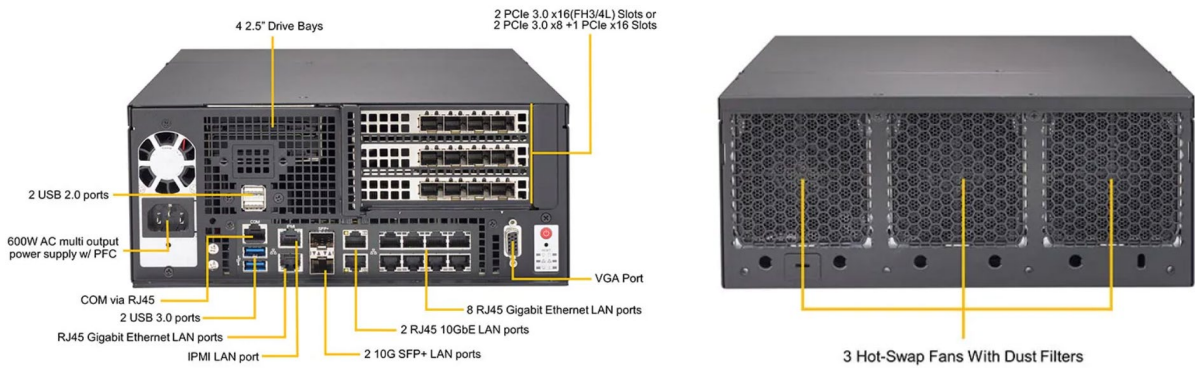
Specifications

Model Number	AIS-D422-A1
CPU	Intel® Xeon® processor D-2146NT, CPU TDP support 80W
Chipset	System on Chip (SoC)
System Memory	Up to 512GB DDR4 ECC LRDIMM Up to 256GB DDR4 ECC RDIMM 4x DIMM slots, 2666/2400/2133MHz ECC DDR4 L/RDIMM Operating speed up to 2400MHz
Storage	4x SATA3 (6Gbps) ports; RAID 0, 1, 5, 10
Front I/O	9x RJ-45 Gigabit Ethernet LAN ports(one for Ethernet management) 2x RJ-45 10GbE LAN ports 2x 10G SFP+ LAN ports 1x RJ45 Dedicated IPMI LAN port 2x USB3.0 ports (front) 2x USB2.0 ports (front) 1x VGA(VGA via Aspeed AST2500 BMC) 1x COM via RJ45
Expansion Slots	2x PCI-E 3.0 x16 (FHFL) slots or 2x PCI-E 3.0 x8, 1 PCI-E 3.0 x16 (FHFL) slots 1x M.2 M-Key , 2280/22110 1x M.2 E-Key , 2230 1x M.2 B-Key , 3042
Power Supply	600W AC multi output power supply w/ PFC
Dimension (W x D x H)	109mm x 406mm x 267mm (4.3" x 16" x 10.5")
Mounting	Desk mount
Net Weight	Gross Weight: 23 lbs (10.43 kg) Net Weight: 17 lbs (7.7 kg)
Temperature	Operating Temperature: 0°C ~ 50°C (32°F ~ 122°F) Non-operating Temperature: -40°C to 70°C (-40°F to 158°F)
Humidity	Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)
Management(Software)	Intel® Node Manager IPMI 2.0 NMI SUM Watch Dog SuperDoctor® 5
OS Support	Ubuntu Server 22.04 · Windows
Certification	RoHS/80 PLUS Gold Certified

System Dimensions



I/O Front View



Ordering Information

Model name	Description
AIS-D422-A1	Intel® Xeon® processor D-2146NT, System on Chip (SoC)

Accessory (Optional)

Part No.	Item	Description
32-010000-0005	Power cord	US Power Cord SVT 18AWG Cable 1800mm Black 105 °C
32-010000-0006	Power cord	EU Power Cord H05VV-F 0.75mm2/3G SL-6+SL-3 Cable 1800mm Black
53-0C2666-0002	Memory	DDR4 RDIMM 2666MT/s 32GB 0~85°C
53-0C2666-0000	Memory	DDR4 RDIMM 2666MT/s 32G W/Reg ECC 0~85°C
53-0C3TE7-0008	Storage	SATA III 2.5" SATA SSD 1T 3TE7 3D TLC 0~70°C
53-0C3TE7-000B	Storage	SATA III 2.5" SATA SSD 1T 3TE7 3D TLC 0~70°C BICS 5

