SKY-722V4

2U High Performance Rackmount Server with Intel® Xeon® 6 Processors

Features

- Support Intel® Xeon® 6 Processors up to 350W
- Capable to support up to 3x DW GPU cards
- Up to 16 bays 2.5" hot-swap NVME SSD drives support
- 32 x DDR5 ECC-Registered 5600/6400 MHz RDIMM/LRDIMM
- Up to 3 x FH | 3/4L PCIe 5.0 x16 (DW) + 2 x Low Profile PCIe 5.0 x8
- 2 M.2 2280 PCIe/NVMe Gen.4 support
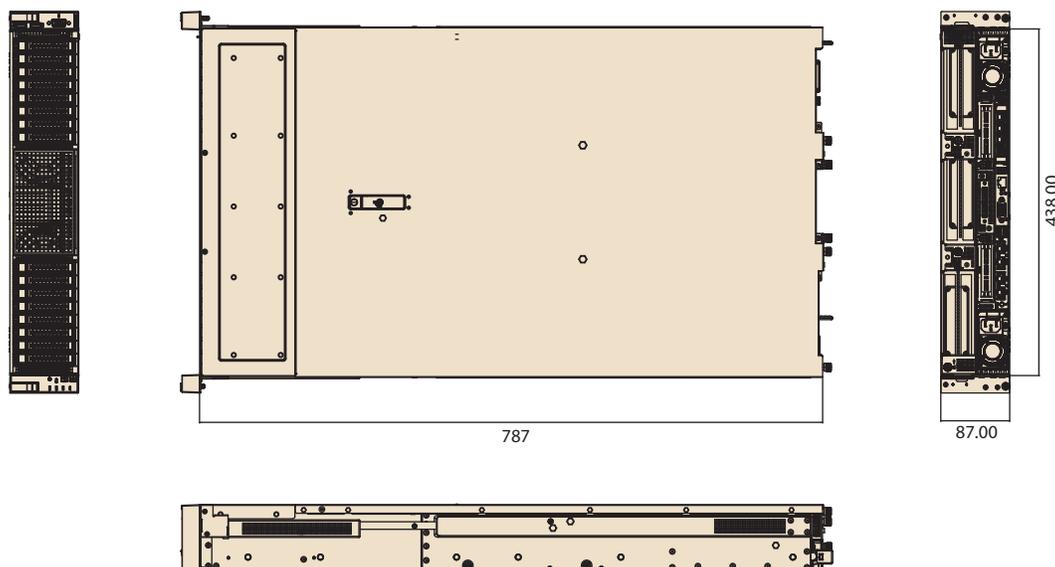- 1 OCP 3.0 PCIe Gen5 x16 NIC support

c(UL)us CCC CE FCC

Specifications

System P/N		SKY-722V4
Processor	Family	Intel® Xeon® 6 Processors
	Number	2
	Cores	up to 86 cores
	Cache	L3 Cache (Up to 320 MB per socket)
	Speed	up to 3.5 GHz
	Max TDP	350W Intel® C621A chipset
Memory	Type	DDR5 ECC RDIMM up to 6400 MHz
	Slots	32
	Capacity	Maximum 4096GB ECC LRDIMM Maximum 2048GB ECC RDIMM
Storage	2.5" HDD/SSD (Rear)	2 (NVMe)
	3.5"/2.5" HDD/SSD (Front)	16 (2.5" NVMe)
	M.2 SSD	2 (NVME)
Expansion Slots		3 x FH | 3/4L PCIe 5.0 x16 (DW) 2 x Low Profile PCIe 5.0 x8
I/O & Ports	Network Interfaces	2x GbE RJ-45, 2x 10 GbE RJ-45
	USB	Front: 1 USB3.0, 1 USB2.0 Rear: 2 USB3.0
	LED Indicator (Ear)	1 Power status (w/button) 3 System status LEDs (CRT/MJR/MNR) 1 Critical Alert LED 1 RPSU Alert LED 1 System UID (w/button)
	Video	1 D-sub (Front), 1 D-sub (Rear)
	Others	1 Serial port (RJ-45), 1 UID button (Rear). 1 Reset button (Front)
Power Supplies	Type	CRPS
	Power Rating	2700W AC PSU
System Cooling		4 system FAN with smart FAN control
Mechanical	Form Factor	2U16
	Dimensions (W x H x D) mm	438 x 87.5 x 770 mm
	Weight (KG)	25 kg
System Management		Aspeed AST2600 BMC Advanced Lights Out Management compliant to IPMI2.0 and Redfish with security and availability enhancements iKVM Support Configurable shared or dedicated NIC support
Supported OS		Linux (CentOS, Red Hat, Ubuntu), Windows server
Environment	Humidity Operational (non-condensing)	5% to 85%
	Operational Temperature	0 °C (32 °F) to 40 °C (104 °F)
	Storage Temperature	-40 °C (-40 °F) to 70 °C (158 °F)
Certification		CE/FCC/CB/UL

ADVANTECH

Dimensions

Unit: mm

438.00

787

87.00

Ordering Information

PN	CPU	Memory	BIOS	PCIe Cards	Storage	I/O	PSU
SKY-722V4-T16R	Dual Intel 6th Xeon Family Processor	32 DDR5 6400 RDIMMs	Advantech Customized version	3x FH/HL PCIe G5 x16 (DW) + 2x LP PCIe G5 x8, 1 OCP 3.0 PCIe 5.0 X16 slot	16x 2.5" NVME HDD 2x M.2 2280	1x Console Port 2x Gbe RJ45 (Mgt Port) 2x USB3.0/USB2.0 (front) 2x USB 3.0/USB2.0 (rear)	Redundant 1+1 CRPS 2700W

Packing List

Order Number	Description
1970005574T001	Heatsink

Optional Accessories

Order Number	Description
1700020095	Power cable 3P 180cm, USA
1702002605	Power cable 3P 180cm Europe
1700000237	Power cable 3P 180cm, JP
1700009652	Power cord 3P 180cm, China
968DE00079	Slide rail