

SKY-8234D3

2U High Performance Rackmount Server with 4th /5th Gen. Intel® Xeon® Scalable processors

Preliminary



Features

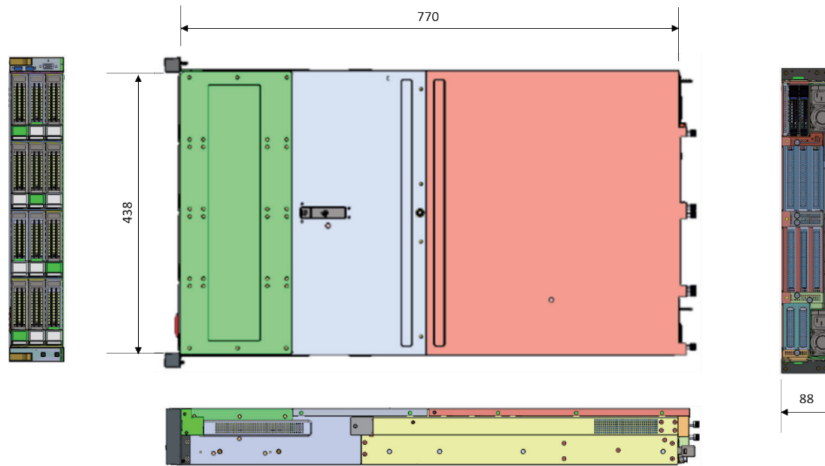
- Dual 4th Gen Intel® Xeon® Scalable Processors supporting Gold and Silver SKUs
- Up to 12 bays 3.5" SATA hot swap SATA drives
- 32x DDR 5 ECC Registered 4800/5600 Mhz RDIMM
- 2x FH/HL PCIe G5 x16 + 4x FH/HL PCIe G5 x8 + 2 x LP PCIe G5 x 8
- 2x M.2 2280 SATA /NVMe SSD support, rear 2 x 2.5" SATA/SAS/NVMe drive support
- 1 x OCP 3.0 PCIe Gen5 x16 NIC Support
- IPMI 2.0 and Redfish compliant system management with reliability and security enhancement

Specifications

System Model		SKY-8234D3
Processor	CPU	Dual sockets 4th Generation Intel® Xeon® Scalable Processor up to 225W TDP
	Chipset	Intel® PCH C741
Memory	Technology	Up to 32x 4800 / 5600MHz DDR5 ECC Standard ECC RDIMM/LRDIMM
	Max Capacity	Max capacity per DIMM: 64GB Max total capacity per system: 2048GB
	Socket	32x 288-pin DIMM
Storage	2.5" HDD/SSD bay	2x SATA/SAS/NVMe (Rear)
	SATA 3	12x 3.5" SATA
	M.2 SSD	2 (NVMe PCIe 5.0)
Expansion Slots		1) 2x FH/HL PCIe G5 x16 + 4x FH/HL PCIe G5 x8 + 2x LP PCIe G5 x8 2) 1x OCP 3.0 PCIe 5.0 x16 slot
MCIO Conn		8 x MCIO (PCIe Gen5 x8)
I/O & Ports	Network Interfaces	1x Console Port 2x Gbe RJ45 (Mgt Port)
	USB	Front: 2x USB3.0, Rear: 2x USB3.0
	LED Indicator	1 Power status 1 System status 1 HD activity 1 Network activity
	Video	1 D-sub (Front)
Power Supplies	Type	CRPS Module
	Power Rating	1200W red. AC (100-240V, 50-60Hz)
System Cooling		Up to 4 system FAN with smart FAN control
Mechanical	Form Factor	2U
	Dimensions (W x H x D) mm	438 x 88 x 770 mm
	Weight (KG)	25 kg
System Management		Aspeed AST2600 (on Mgmt Module) 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/UL/CB

Dimensions

Unit: mm



Ordering Information

PN	CPU	Memory	BIOS	PCIe Cards	Storage	I/O	PSU	Front Panel
SKY-8234D3-S12R	Dual Intel 4th/5th Xeon Family Processor	32 DDR5 4800/5600 RDIMMs	Advantech Customized version	2x FH/HL PCIe G5 x16 + 4x FH/HL PCIe G5 x8 + 2x LP PCIe G5 x8, 1 OCP 3.0 PCIe 5.0 x16 slot	12x 3.5" SATA HDD 2x 2.5" SSD 2x M.2 2280	1x Console Port 2x Gbe RJ45 (Mgt Port) 2x USB3.0 (front) 2x USB 3.0 (rear)	Redundant 1+1 CRPS 1200W	Optional