

SKY-7232D V2

2U High Performance Rackmount Server with 3rd Gen. Intel® Xeon® Scalable processors



Features

- Up to 12 bays 3.5" SAS/SATA or 24 bays 2.5" hot-swap SAS/SATA drives support
- 32x DDR4 ECC-Registered 2666/2933/3200 Mhz RDIMM/LRDIMM
- Up to 4 FHFL, 2 FHHL and 2 Low Profile PCIe Gen4
- 2 M.2 2280 SATA SSD support, Rear 2 2.5" SATA/SAS/NVMe drive support
- 1 OCP 3.0 PCIe Gen4 x16 NIC support



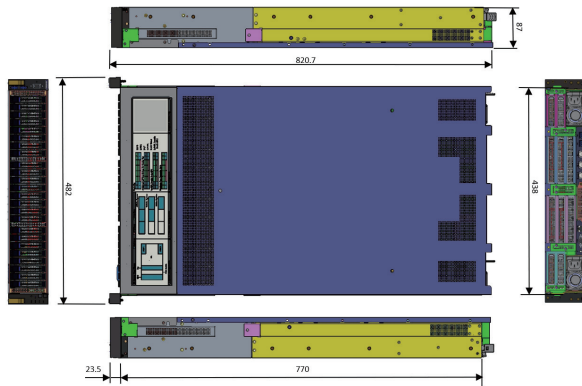
Specifications

System P/N		SKY-7232D3-12V2R	SKY-7232D2-24V2R
Processor	Family	3rd Gen. Intel® Xeon® Scalable processors	3rd Gen. Intel® Xeon® Scalable processors
	Number	2	2
	Cores	up to 36 ccores	up to 36 ccores
	Cache	L3 Cache (1.5MB/core)	L3 Cache (1.5MB/core)
	Speed	up to 3.5 GHz	up to 3.5 GHz
	Max TDP	250W Intel® C621A chipset	250W Intel® C621A chipset
Memory	Type	DDR4 ECC-REG 2666/2933/3200 MHz RDIMM/LRDIMM	DDR4 ECC-REG 2666/2933/3200 MHz RDIMM/LRDIMM
	Slots	32	32
	Capacity	Maximum 4096GB ECC LRDIMM Maximum 2048GB ECC RDIMM	Maximum 4096GB ECC LRDIMM Maximum 2048GB ECC RDIMM
Storage	2.5" HDD/SSD (Rear)	2 (NVMe)	2 (NVMe)
	3.5"/2.5" HDD/SSD (Front)	12 (3.5")	24 (2.5")
	M.2 SSD	2 (SATA)	2 (SATA)
Expansion Slots	[SKU 1]		[SKU 1]
	2 FHFL PCIe 4.0 x16		2 FHFL PCIe 4.0 x16
	2 FHFL PCIe 4.0 x8		2 FHFL PCIe 4.0 x8
	2 FHHL PCIe 4.0 x8		2 FHHL PCIe 4.0 x8
	2 Low Profile PCIe 4.0 x8		2 Low Profile PCIe 4.0 x8
	1 OCP3.0 PCIe 4.0 x16		1 OCP3.0 PCIe 4.0 x16
	2 Low Profile PCIe 4.0 x8 (Optional)		2 Low Profile PCIe 4.0 x8 (Optional)
	[SKU 2]		[SKU 2]
	2 FHFL double-slots PCIe 4.0 x16		2 FHFL double-slots PCIe 4.0 x16
	2 FHHL PCIe 4.0 x8		2 FHHL PCIe 4.0 x8
I/O & Ports	Network Interfaces	2 GbE RJ-45, 1 GbE RJ-45 Mgmt	2 GbE RJ-45, 1 GbE RJ-45 Mgmt
	USB	Front : 1 USB3.0, 1 USB2.0 Rear : 2 USB3.0	Front : 1 USB3.0, 1 USB2.0 Rear : 2 USB3.0
	LED Indicator (Ear)	1 Power status (w/button)	1 Power status (w/button)
		3 System status LEDs (CRT/MJR/MNR)	3 System status LEDs (CRT/MJR/MNR)
		1 Critical Alert LED	1 Critical Alert LED
		1 RPSU Alert LED	1 RPSU Alert LED
	Video	1 System UID (w/button)	1 System UID (w/button)
		1 D-sub (Front), 1 D-sub (Rear)	1 D-sub (Front), 1 D-sub (Rear)
	Others	1 Serial port (RJ-45), 1 UID button (Rear)	1 Serial port (RJ-45), 1 UID button (Rear)
Power Supplies	Type	CRPS	CRPS
	Power Rating	1200W red. AC PSU	1200W red. AC PSU
System Cooling	4 system FAN with smart FAN control		4 system FAN with smart FAN control
Mechanical	Form Factor	2U12	2U24
	Dimensions (W x H x D) mm	438 x 87 x 770 mm	438 x 87 x 770 mm
	Weight (KG)	25 kg	25 kg
System Management	Aspeed AST2500 BMC		Aspeed AST2500 BMC
	Advanced Lights Out Management compliant to IPMI2.0 and Redfish with security and availability enhancements		Advanced Lights Out Management compliant to IPMI2.0 and Redfish with security and availability enhancements
	iKVM Support		iKVM Support
	Configurable shared or dedicated NIC support		Configurable shared or dedicated NIC support
Supported OS	Linux (CentOS, Red Hat, Ubuntu), Windows server		Linux (CentOS, Red Hat, Ubuntu), Windows server
Environment	Humidity Operational (non-condensing)	5% to 85%	5% to 85%
	Operational Temperature	0 °C (32 °F) to 40 °C (104 °F)	0 °C (32 °F) to 40 °C (104 °F)
	Storage Temperature	-40 °C (-40 °F) to 70 °C (158 °F)	-40 °C (-40 °F) to 70 °C (158 °F)
Certification	CE/FCC/CB/UL		CE/FCC/CB/UL

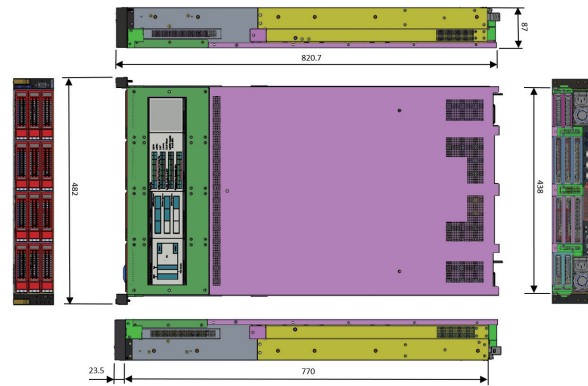
Dimensions

Unit: mm

SKY-7232D2



SKY-7232D3



Front View

SKY-7232D2



SKY-7232D3



Rear View

SKY-7232D3 / SKY-7232D2



Ordering Information

PN	CPU	PCH	Memory	PCIe Slots	Storage	I/O	PSU
SKY-7232D3-12V2R	Dual socket, 3rd Gen. Intel® Xeon® Scalable processors	Intel® C621A chipset	32 DIMM Slots	2 FHFL PCIe 4.0 x16 2 FHFL PCIe 4.0 x8 2 FHFL PCIe 4.0 x8 2 Low Profile PCIe 4.0 x8 1 OCP3.0 PCIe 4.0 x16	12 3.5" SAS/SATA (front) 2 2.5" NVMe (rear) 2 M.2 2280 (SATA)	2 GbE RJ-45, 1 GbE RJ-45 Mgmt 1 USB3.0 (front), 1 USB2.0 (front) 2 USB3.0 (rear) 1 D-sub (Front), 1 D-sub (Rear) 1 Serial port (RJ-45)	Redundant 1+1 CRPS 1200W
SKY-7232D2-24V2R	Dual socket, 3rd Gen. Intel® Xeon® Scalable processors	Intel® C621A chipset	32 DIMM Slots	2 FHFL PCIe 4.0 x16 2 FHFL PCIe 4.0 x8 2 FHFL PCIe 4.0 x8 2 Low Profile PCIe 4.0 x8 1 OCP3.0 PCIe 4.0 x16	24 2.5" SAS/SATA (front) 2 2.5" NVMe (rear) 2 M.2 2280 (SATA)	2 GbE RJ-45, 1 GbE RJ-45 Mgmt 1 USB3.0 (front), 1 USB2.0 (front) 2 USB3.0 (rear) 1 D-sub (Front), 1 D-sub (Rear) 1 Serial port (RJ-45)	Redundant 1+1 CRPS 1200W

Packing List

Part no.	Description
1970004564N001	1U CPU Heatsink
1651003476-01	LGA 4189 P4 CPU socket Carrier

Optional Accessories

Part no.	Description
1702002600	Power cord 3P 180 cm, USA
1702002605	Power cord 3P 180 cm, Europe
1702031801	Power cord 3P 180 cm, UK
1700000237	Power cord 3P 180 cm, JP
1700009652	Power cord 3P 180 cm, China
1700027969-01	Power cable for GPU card
1970004567N001	2U CPU Heatsink
968DE00027	slide rail