

SKY-7223D

2U 5G vRAN & Edge Computing (OTII Compliant) Server



Features

- Dual Socket P (LGA 3647) supporting 2nd Gen Intel® Xeon® Scalable processors with Intel QAT and DPDK supported
- Short-depth chassis design with optional tool-less slide rail or 2-post mounting kit
- 6x 10G SFP+; 2x M.2 2280 SATAIII/NVMe
- 6x 2.5" SATAIII or 2x 2.5" SATAIII plus 4x 2.5" NVMe/SATAIII by SKU
- PCIe expansion up to 4x FHFL PCIe Gen3x16, or 2x FHFL PCIe Gen3x16 plus 4x FHFL PCIe Gen3x8, or 2x Double Width FHFL PCIe Gen3x16 plus 2x FHFL PCIe Gen3x8
- Time synchronization (1588v2, GPS, 1pps + ToD)

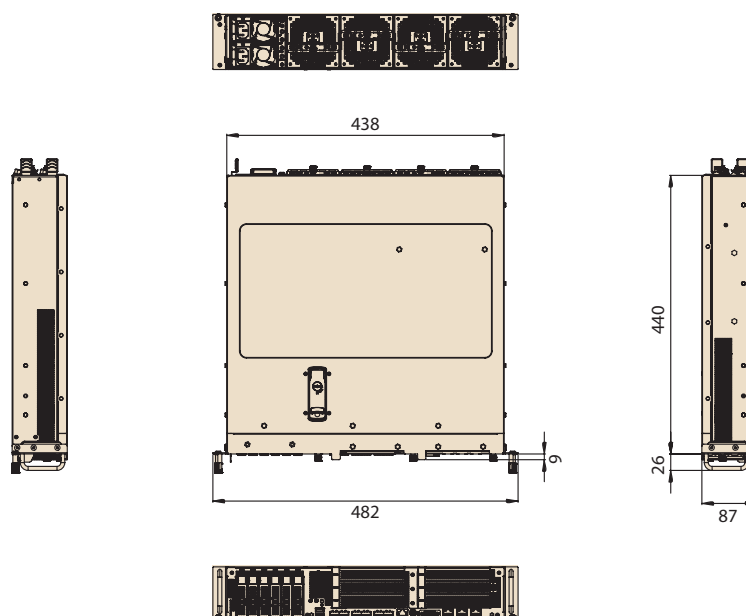


Specifications

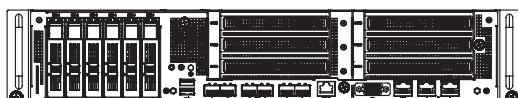
Part Number(PN)		SKY-7223DT-06A1R	SKY-7223DA-06A1R
Processor	Family	2nd Gen. Intel® Xeon® Scalable Processors (Cascade Lake)	
	Number	2	
	Cores	Up to 32cores	
	Speed	2.20 GHz	
	Max TDP	165W	105W
Chipset		Intel C626	
Memory	Type	DDR4 LRDIMM/RDIMM, up to 2933MHz	
	Slots	16	
	Capacity	Maximum 2T ECC LRDIMM Maximum 1T ECC RDIMM	
Storage	2.5" HDD/SSD	4*NVMe/SATAIII plus 2*SATAIII	6*SATAIII
	3.5" HDD	NA	
	M.2 SSD	2*NVMe/SATAIII	
	Others	NA	
Expansion Slots		Up to 4*FHFL + 2*FHHL	
I/O & Ports	Network Interfaces	6*10G SFP+ plus 2*1G GbE	
	USB	2*USB3.0	
	LED Indicator	PW LED, Status LED, ID LED	
	Video	1*VGA	
	Others	1*GbE management port, 1*console port	
Time Synchronization		1588v2, Cascading clock through RS422 (1 pps + TOD), GPS (optional)	NA
Power Supplies	Type	CRPS	
	Watts	1200W	800W
System Cooling		4*8038 Fan	
Mechanical	Form Factor	2U	
	Dimensions (W x H x D) mm	448 x 88 x 440 mm	
	Weight (KG)	15kg	
System Management		Industry standard BMC, IPMI v2.0 / Redfish compliant, with web interface and iKVM	
Supported OS		Linux (CentOS, Red Hat, Ubuntu), Windows server	
Environment		-5 ~ 45 °C (23 ~ 113 °F)	
Certification		CCC	

Dimensions

Unit: mm



Front View



Rear View



Ordering Information

PN	CPU	PCH	Memory	Storage	PCIe Slots*	I/O	PSU	Others
SKY-7223DT-06A1R	2nd Gen. Intel® Xeon® Scalable Processors (Cascade Lake) Support up to 165W TDP/socket	Intel C626 (w/QAT)	16*DDR4 2933MHz slots reserved. Support up to 16* DDR4 module	Support up to 4* 2.5" NVMe/SATAIII plus 2* 2.5" SATAIII	Default: 1*Riser CardA plus 1*Riser CardB Support up to: 2*130W PCIeX16 2*25W PCIeX8	6*10G SFP+ 2*GbE 1*GbE MGM 1*Console Port 1*VGA 2*USB3.0	CRPS 1200W	1*Time Sync module
SKY-7223DA-06A1R	2nd Gen. Intel® Xeon® Scalable Processors (Cascade Lake) Support up to 105W TDP/socket	Intel C626 (w/QAT)	16*DDR4 2933MHz slots reserved. Support up to 6* DDR4 module due to PSU SKU	Support up to 6* 2.5" SATAIII	Default: 1*Riser CardA plus 1*Riser CardB Support up to: 2*75W PCIeX16 2*25W PCIeX8	6*10G SFP+ 2*GbE 1*GbE MGM 1*Console Port 1*VGA 2*USB3.0	CRPS 800W	NA

NOTE:

Riser CardA (2*PCIeX16)

Riser CardB (1*PCIeX16, 2*PCIeX8)

Time Sync & GPS Module solution occupied 1*PCIe expansion space

Packing List

Part no.	Description
1960081155N001	CPU Heatsink
1651003167-01	CPU Clip for Heatsink
968DE00025	Slide Rail
1700020691-01	Console Cable

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
96PSR-A800WCRP	AC 800W PSU CRPS Module
96PSRM-A1K2WCRPA	AC 1200W PSU CRPS Module
968DE00025	Slide Rail
98923260J0E	TPM2.0 Module
1700020691-01	Console Cable