

# SKY-7120S

## 1U 5G vRAN & Edge Computing (OTII Compliant) Server



### Features

- Single Intel® Xeon D-2100 series processor up to 16C/32T supporting Intel® QAT and DPDK to boost performance
- Short-depth chassis design with optional tool-less slide rail or 2-post mounting kit
- Server management IPMI/Redfish support
- -5 ~ 55 °C wide operating temperature range
- Front I/O access for easy maintenance
- Time synchronization (1588v2, GPS, 1pps + ToD)

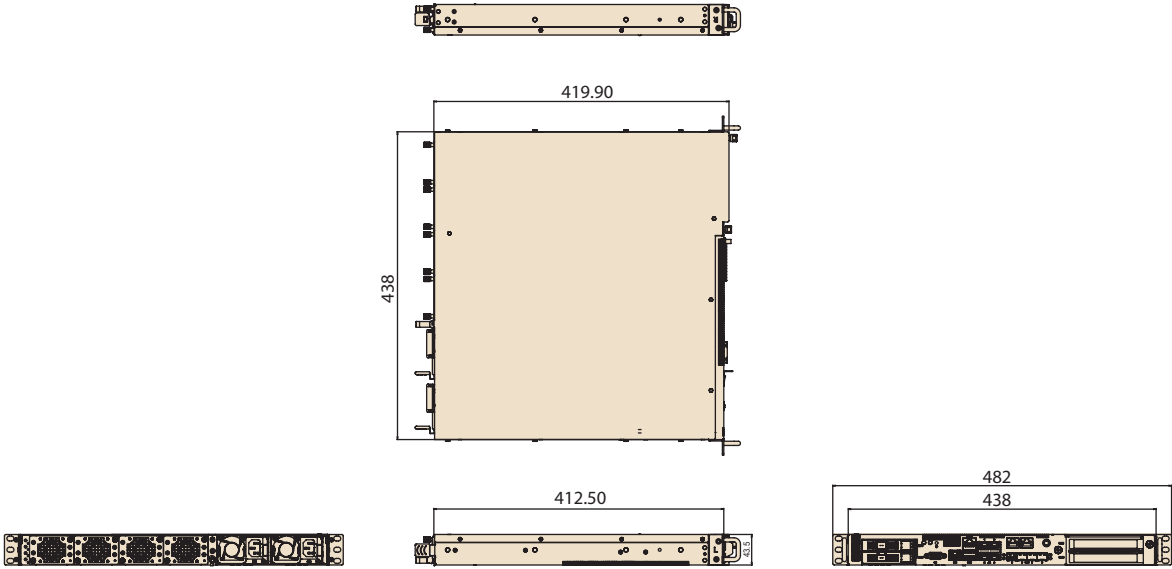


### Specifications

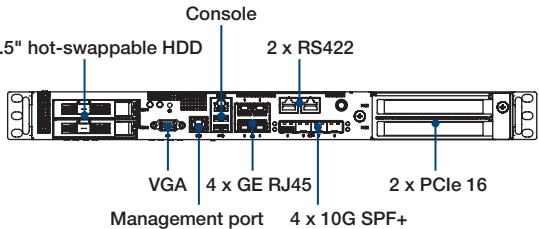
Part Number(PN)		SKY-7120S-16C1R	SKY-7120S-16C2R
Processor	Family	Intel® Xeon D-2177NT	
	Number	1	
	Cores	14 cores	
	Speed	1.90Ghz	
	Max TDP	105W	
Chipset		N/A	
Memory	Type	DDR4 RDIMM/LRDIMM, Up to 2666MHz	
	Slots	4	
	Capacity	512GB	
Storage	2.5" HDD/SSD	2, SATA/SAS	
	3.5" HDD	NA	
	M.2 SSD	2	
	Others	NA	
Expansion Slots		2* PCIe Gen3 x16 (FHFL, 10.5")	
I/O & Ports	Network Interfaces	4* 10GbE SFP+ via Intel X722 4* 1GbE RJ-45 via Intel i350	
	USB	2* USB3.0	
	LED Indicator	1* Power LED, 1* Status LED, 1* UID LED	
	Video	1*VGA	
	Others	1*GbE management port, 1*console port 2* RS422	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	550W	
System Cooling		4* 4056 Fan (hot-swappable)	
Mechanical	Form Factor	1U Rackmount	
	Dimensions (WxHxD) mm	438 x 44 x 420 mm	
	Weight (KG)	13 kg (29lb)	
System Management		IPMI v2.0 / Redfish compliant with web interface and iKVM	
Supported OS		Linux (CentOS, Red Hat, Ubuntu), Windows server	
Environment		-5 ~ 55 °C (23 ~ 131 °F)	
Certification		CCC	

**Dimensions**

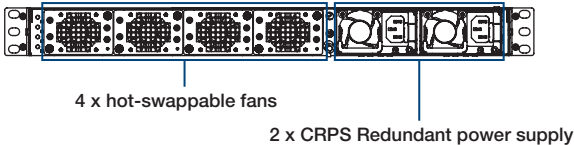
Unit: mm



**Front Panel External I/O Mechanical Layout/Drawing**



**Rear Panel External I/O Mechanical Layout/Drawing**



**Ordering Information**

PN	CPU	Memory	Storage	PCIe Slots	I/O	PSU	Others
SKY-7120S-16C1R	Intel® Xeon D-2177NT	4* DDR4 DIMM Slots	2* 2.5" SAS/SATA 2* 2280 M.2	2* PCIe Gen3 x16 (FHFL, 10.5")	4*10G SFP+ 4* 1GbE RJ45 1* 1GbE Management 1*Console Port 1*VGA 2*USB3.0 2* RS422	Redundant 1+1 CRPS 550W	1* Time Sync module
SKY-7120S-16C2R	Intel® Xeon D-2177NT	4* DDR4 DIMM Slots	2* 2.5" SAS/SATA 2* 2280 M.2	2* PCIe Gen3 x16 (FHFL, 10.5")	4*10G SFP+ 4* 1GbE RJ45 1* 1GbE Management 1*Console Port 1*VGA 2*USB3.0	Redundant 1+1 CRPS 550W	NA

**Packing List**

Description	Quantity
SKY-7120S barebone	1
Console cable	1

**Optional Accessories**

Part Number	Description
1702002600	Power cord 3P 180cm, USA
1702002605	Power cord 3P 180cm, Europe
1700009652	Power cord 3P 180cm, China
1700002448	Power cord 3P, 180cm, Taiwan
968DE00025	Slide rail for 600mm depth rack
968DE00026	Slide rail for 900mm depth rack