

SKY-7210

基于Intel® Xeon® Scalable系列处理器 2U机架式超融合服务器



特征

- 2 x Intel® Xeon® Scalable系列处理器，铂金8100,黄金6100 & 5100, 银4100, 铜3100
- 24 x DDR4 2133/240 /2666 ECC注册内存高达1536GB
- C621或C622 PCH w/ 2x10G SFP+支持
- 支持3个网络扩展模块
- 网络扩展模块可变更为存储扩展 (适用于2.5 “硬盘”)
- 最大支持6个PCIEx8 (FH/HL)或3个PCIEx16 (FH/FL)扩展
- 12 x 3.5 "/2.5"可拆卸外部SATA/SAS HDDs/ ssd
- 1 x M.2 2280 SSD
- 兼容IPMI 2.0的远程管理

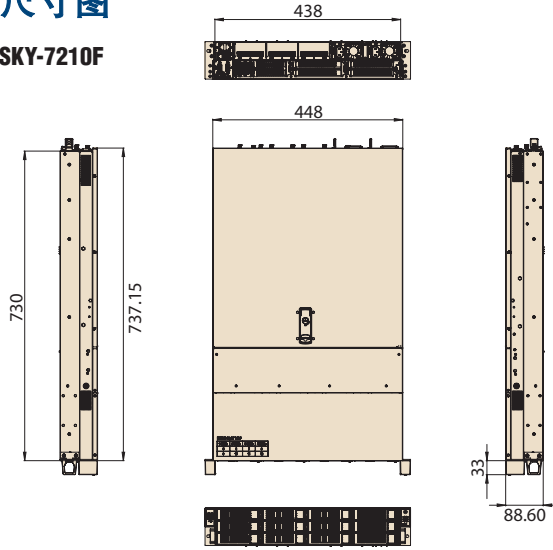


规格表

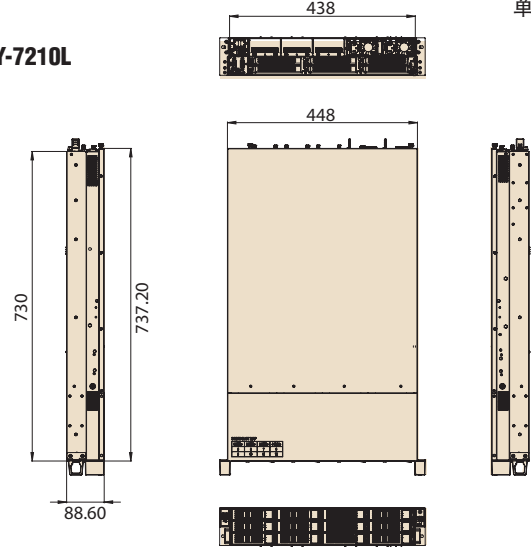
系统 P/N		SKY-7210F	SKY-7210L
安装方式		2U - Rack Mount	2U - Rack Mount
处理器	处理器	2 x Intel® Xeon® Scalable Processors Platinum 8100, Gold 6100 & 5100, Silver 4100 and Bronze 3100 Max. up to 205W	2 x Intel® Xeon® Scalable Processors Platinum 8100, Gold 6100 & 5100, Silver 4100 and Bronze 3100 Max. up to 165W
	内核数	8C/10C/12C/14C/16C/18C/20C/22C/24C/26C/28C	
	频率	2.0GHz/2.1GHz/2.2GHz/2.3GHz/2.4GHz/2.6GHz/3.0GHz/3.2GHz/3.4GHz	
	二级缓存	30MB ~ 75 MB	
	芯片组	C622 (without QAT)	C621 (without QAT)
虚拟化	BIOS	AMI EFI 64Mbit	
内存	技术	VT-d	
	最大容量	DDR4, 2133/2400/2600MHz	
	插槽	1563GB (CPU0x12,CPU1x12)	
	支持ECC	24 x 288-pin RDIMM	
网络	控制器	Yes	
	1GbE	3 x Intel I210-AT	
	10GbE	2 x 1GbE RJ45 for management via Intel I210-AT, 1 x 1GbE RJ45 for IPMI	None
	LAN bypass	2 x 10G SFP+ via PCH +CS4277 (10G Dual PHY)	
扩展	PCIex8	None	
	PCIex16	2 x FH/FL + 2 x HH/HL	2 x FH/FL
	NMC	1 x FH/FL	2 x FH/FL
存储	3.5"/2.5" HDD/SSD	3 x NMCs	
	2.5" NVME	12 x 2.5" HDD/SSD or 12 x 3.5" HDD/SSD	
	M.2	4 x 2.5" NVME (option) in front, 6 x 2.5" NVME (option) in rear by NMC slots	
I/O	Console port	1 x (D-Sub)	
	USB2.0/3.0	2 x USB3.0 on board pin header 2 x USB3.0 ports in rear 2 x USB2.0 ports in front	
	LED指示灯	1 x PWR_LED, 1 x HDD_LED, 1 x Info_LED, 1 x ID_LED, 2 x LAN_LED(Mgmt)	
	VGA	1 (D-Sub)	
	其他	1 x Power button, 1 x Reset button, 1 x ID button	
	TPM	Trust Platform Module	Modularized TPM(1.2), Option: TPM(2.0)
LCD模块		None	
电源	电源类型	Redundant AC PSU (redundant DC PSUs on request)	Redundant AC PSU (redundant DC PSUs on request)
	功耗	1200W	850W
	输入电压	AC 100 ~ 240 V @ 50 ~ 60 Hz, full range	AC 100 ~ 240 V @ 50 ~ 60 Hz, full range
	连接器	AC 3pin plug	AC 3pin plug
环境	工作温度 (气流 0.7 m/sec)	0 ~ 40°C (32 ~ 104°F)	
	非运行工作温度	-20 ~ 80°C (-4 ~ 167°F) and 40° C @ 95% RH Non-Condensing	
	抗振性	With SATA HDD: 0.5 Grms, IEC 60068-2-64, 5-500Hz, 1hr/axis	
	冲击防护	With SATA HDD: 10G, IEC-60068-2-27, half sine, 11ms duration	
散热		系统智能风扇	
物理特性	材料	铁件	
	安装	2U Rackmount	
	尺寸 (W x H x D)	438 x 88 x 730 mm (17.24" x 3.46" x 28.74")	
	重量	28 Kg	26 Kg
支持OS		Linux (CentOS, Red Hat, Ubuntu), Windows server	
研华软件包		- QuickStart Linux Image (CentOS based reference BSP) including	
		- AHG (Advantech health guide)	
IPMI		Carrier Grade BMC, IPMI v2.0 compliant, with web interface, iKVM on request (AMI IPMI Core)	
认证	EMC	CE/FCC/CB/UL/CCC	

尺寸图

SKY-7210F

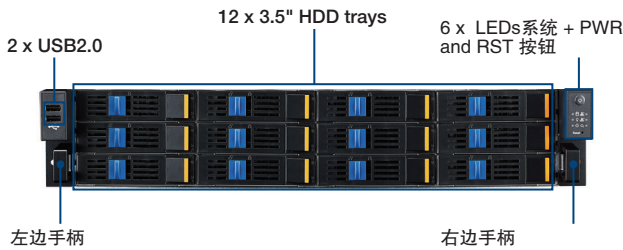


SKY-7210L

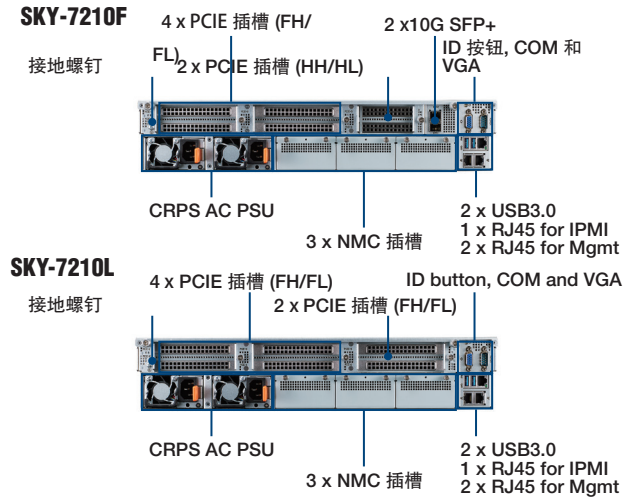


单位: mm

前面板扩展I/O布局图



后面板扩展I/O布局图



订购信息

料号	CPU	DDR4	PCH	NMC 插槽	PCIe 插槽	HDD qty.	BMC	TPM	10G SFP+	GbE 端口	VGA	FAN 模板	PSU
SKY-7210F-00A1R	2 sockets for Intel® Xeon® Scalable Processors	24	C622	3	2x 2PCIEx8 1x PCIe16 (FH/FL)	12 (3.5")	Yes	1.2	2	3 (2 for Mgmt, 1 for IPMI)	Yes	Swappable	1200W AC
SKY-7210L-00A1R	2 sockets for Intel® Xeon® Scalable Processors	24	C621	3	1x 2PCIEx8 2x PCIe16 (FH/FL)	12 (3.5")	Yes	Option	N/A	3 (2 for Mgmt, 1 for IPMI)	Yes	Fixed	850W AC

包装清单

料号	说明
968AE00029	Slide rail

可选电源列表

料号	说明
96PSRM-A1K2WCR	AC 1200W PSU CRPS module
XFWA-DPS800AB-14G	DC 800W PSU CRPS module
96PSRM-A850WCRP	AC 850W PSU CRPS module

可选配件

料号	说明
1702002600	3P 电源线 180 cm, USA
1702002605	3P 电源线 180 cm, Europe
1702031801	3P 电源线 180 cm, UK
1700000237	3P 电源线 180 cm, JP
1700009652	3P 电源线 180 cm, China