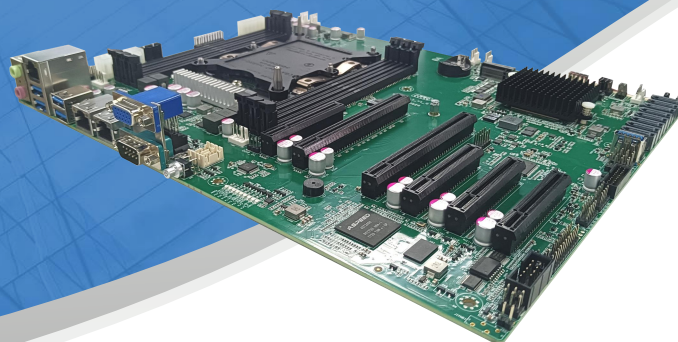


单路Purley服务器主板

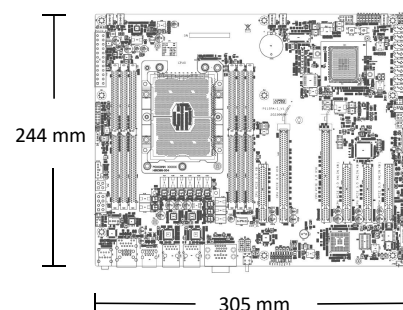
P11SPA-I

AproCloud P11SPA-I单路服务器主板，采用 Intel® Purley 平台(Intel® PCH C621 芯片组，搭配 LGA3647 CPU)，支持英特尔一代/二代® 至强® 可扩展处理器，支持6通道 DDR4-2933 ECC RDIMM，提供经济的、IO 灵活扩展的 X86 主板解决方案

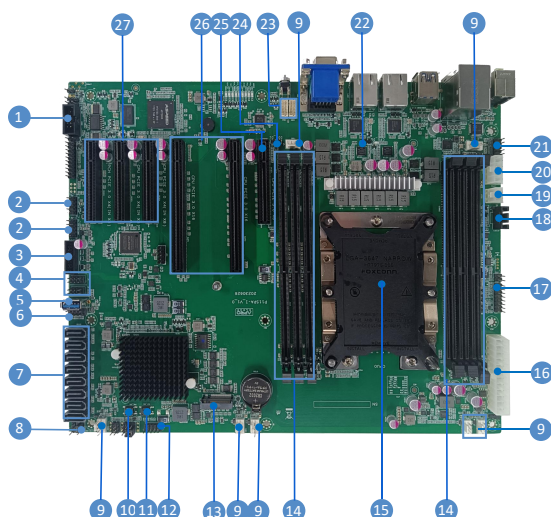


功能特点

- 支持 LGA3647 CPU，支持 2nd Intel® Xeon 可扩展处理器
- Chipset采用Intel® PCH C621;
- 符合ATX规格，12"X 13" (305x244mm);
- 内存为6根6通道DIMM槽,最大支持768GB DDR4 2933MHz ECC RDIMM和LRDIMM;
- 主板支持2个X16 PCIe 3.0 Slot;
- 主板支持1个M.2 (NVME) 和 8个SATA3;
- 主板板载2个千兆网络控制器;



板载插针及接口介绍

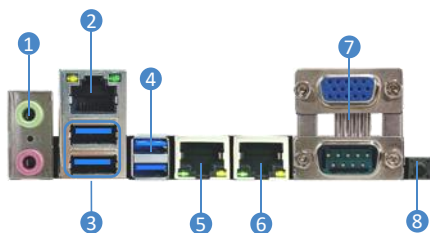


1、COM	2、USB2.0	3、USB3.0	4、GPIO
5、USB3.0(TYPE A)	6、SGPIO	7、8 x SATA3	8、CLEAR_CMOS
9、FAN (0-6)	10、PWR_SW	11、RST_SW	12、JFP2
13、M.2 (PCIe3.0 x4)	14、DIMM(A-F)	15、CPU Socket	16、PWR_ATX(24P)
17、JFP1	18、JPI2C	19、CPU_ATX(4P)	20、CPU_ATX(8P)
21、F_AUDIO	22、CPU_DL	23、COM	24、DDR_DL
25、PCIe3.0 x8	26、PCIe3.0 x16	27、PCIe3.0 x4 (In x8)	

技术规格参数

类型	内容	P11SPA-I
处理器	CPU	2nd Gen Intel® Xeon® Scalable Processors Dual Socket LGA-3647 (Socket P) supported, supports Up to 205W TDP
	Chipset	Intel® C621
	BOIS	256Mb UEFI
系统类型	Memory Type	2933/2666/2400/2133MHz ECC 3DS DDR4 LRDIMM, RDIMM
	Memory Capacity	6 x DDR4 DIMM slots (6 channel) Up to 768GB 3DS ECC LRDIMM, DDR4-2933MHz;
	DIMM Sizes	LRDIMM: 64GB, 128GB RDIMM: 64GB, 128GB
系统电源	Power Input	24Pin ATX CPU 8Pin x 1 , 4Pin x 1
显示	VGA	1 X VGA
	Graphics	AST2400
管理	IPMI	ASPEED AST2400 BMC Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
网络	Network Controllers	1 x Realtek RTL8211E PHY (dedicated IPMI)
		2 x I210AT
存储	M.2	1 x M.2 (NVME)
	SATA	8 x 7Pin SATA3
IO板	Audio	1 xHD Audio, 双孔3.5mm
	USB3.0+IPMI	2 x USB3.0+RJ45(IPMI)
	USB3.0	2 x USB3.0
	RJ45	2 x RJ45
	VGA+COM	1 x DB15 +DB9
	UID_BTN	1 x UID_BTN (含LED)
内部接口	PCI-E3.0	1 x PCI-E3.0 X8 2 x PCI-E3.0 X16 3 x PCI-E3.0 X4 (IN X8)
	USB 2.0	4 x USB (Header 2 x 5 2.54mm)
	USB 3.0	1 x USB (Type A), 2 x USB (Header 2 x 10 2.0mm)
	PMBUS	1 x PMBUS (Header 1 x 5 2.54mm)
	I2C	1 x I2C (Header 1 x 3 2.54mm)
	COM	1 x COM (Header 2 x 5 2.54mm) , 4 x COM (Header 2 x 5 2.0mm, SIO扩展)
	FAN	7 x PWM FAN (2 rear, 5front)
	SGPIO	2 x SGPIO (Header 2 x 4 2.54mm)
	GPIO	8 x GPIO (Header 2 x 5 2.54mm)
	TPM	1 x TPM
	JFP	JFP1 Header (2 x 8 2.54mm) , JFP2 Header (2 x 5 2.54mm,外部统一控制主机用)

IO接口详情



- | | |
|----------------------|--------------|
| 1. HD Audio (IN/OUT) | 5. LAN 1 |
| 2. IPMI接口 | 6. LAN 2 |
| 3. USB 3.0 | 7. VGA+COM接口 |
| 4. USB 3.0 | 8. UID_BTN |