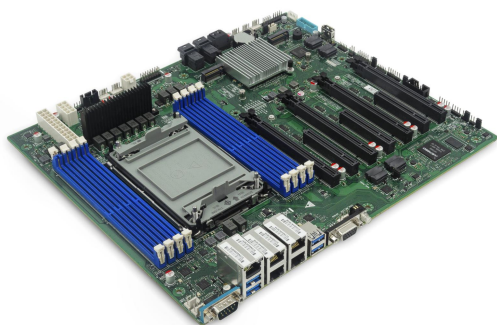


P13SRA

Single-Socket High-Performance Server Motherboard

P13DRG is a dual GPU server motherboard supporting Intel® Xeon® 3rd generation scalable series processors; the product uses the Intel® C621A high-performance server chipset, newly designed based on the Intel Xeon 3rd generation scalable series processors. This server motherboard can also provide ODM customization services for customers with personalized needs, making it the first choice for industry users to create a refined IT platform.

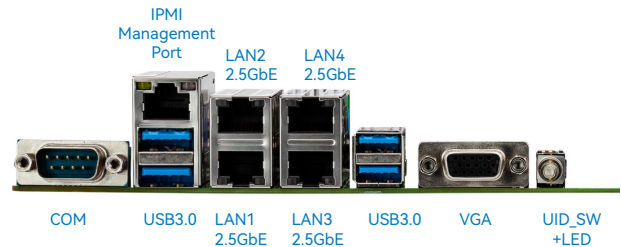
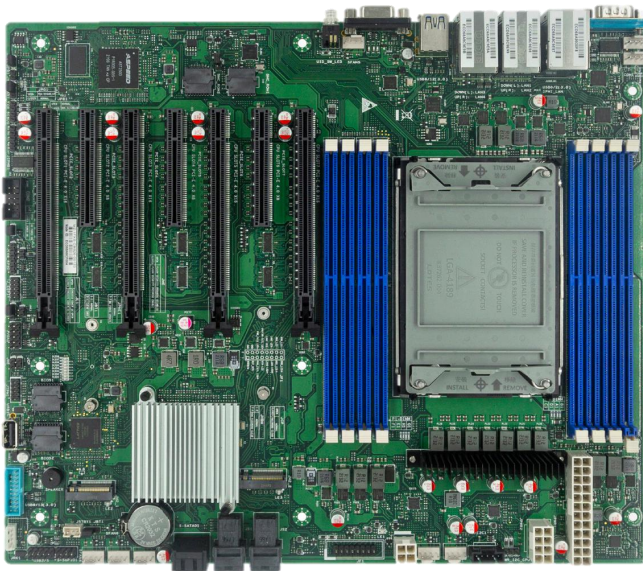


- Intel® high-performance server C621A chipset, it supports Intel® Xeon® 3rd Generation Scalable Processors
- 8 DDR4 RDIMM memory slots (8 channels/CPU).
- DDR4 ECC RDIMM; maximum supported frequency of 3200MHz,
- Maximum supported capacity of 2TB, offering higher density and larger capacity
- 4 PCI E 4.0 x16 and 3 PCI E 4.0 x8 expansion slots for flexible expansion.
- 2 M.2 PCI-E 3.0 x4 / SATA3.0 (2242/2280), supporting Intel VROC NVME raid KEY.
- 10 SATA3 (6Gb/s) interfaces, supporting RAID 0, 1, 5, 10

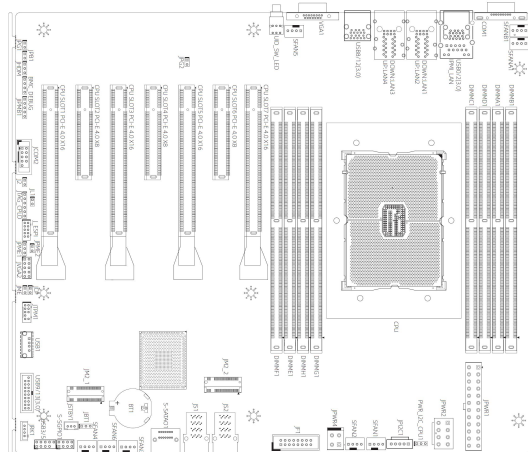
01 Specifications

System Controller	CPU	1 Socket P+ (LGA4189), supporting Intel® Xeon® 3rd Generation Scalable Processors. TDP 270W
	Chipset	C621A Chipset
Memory	Type	8 memory slots (8 channels/CPU) Supports 3200/2933/2666/3200MHz ECC DDR4 RDIMM
	Memory Capacity	Maximum support for 2TB 3DS RDIMM Maximum support for 2TB Intel® Optane™ Persistent Memory PMem 200 Series (Barlow Pass)
	Memory Size	RDIMM: 16GB, 32GB, 64GB, 128GB, 256GB
Network	2.5GbE Network	2 dual-layer RJ45 ports, 4 2.5GbE networks, supporting 10/100/1000/2500Mbps, Intel enterprise-level 2.5G network controller
	IPMI	1 standard RJ45 port, supporting 10/100/1000Mbps
Storage	SATA	10 SATA3 6Gb/s interfaces, supporting RAID 0, 1, 5, 10 (2 MiniSAS HD + 2 7PIN SATA)
	M.2	2 x M.2 interfaces, supporting 2242/2280 (PCI-E 3.0 x2 / SATA)
Expansion Slots	PCIE	4 standard PCIe 4.0 x16 (x16 slots); 3 standard PCIe 4.0 x8 (x8 slots)
		Slot 2 shares with Slot 3 (NA/16; 8/8) Slot 4 shares with Slot 5 (NA/16; 8/8) Slot 6 shares with Slot 7 (NA/16; 8/8)
I/O Interface	Backplane I/O Interface	4 x USB 3.0 ports, 1 x VGA port, 1 x COM port 1 x UID switch (with LED), 4 x 2.5GbE RJ-45 LAN ports, 1 x RJ-45 IPMI management port
	Onboard I/O	1 x VROC header; 1 x VGA header, 1 x TPM header, ATX24+8+4pin, 1 x standard PMBus interface
		2 x USB 3.0 internal headers, 2 x USB 2.0 internal headers, 1 x USB2.0 Type A
		8 x 4pin fan headers, 1 x serial port header, 1 x chassis intrusion detection header
Display	Chipset	ASPEED AST2500 BMC
	Interface	1 x VGA
Dimensions	Dimensions	12.33" x 10.23" (25.98cm x 31.31cm)
Temperature and Humidity Requirements	Operating Temperature	10°C to 35°C
	Storage Temperature	-40°C to 70°C
	Operating Humidity	8% to 90% (non-condensing)
	Storage Humidity	5% to 95% (non-condensing)

Product view



Dimensions



Product Selection

Model	Product Configuration
P13SRA	Neutral, supports 1 Intel® Xeon® 3rd Generation Scalable/W-3300 series processor, C621A, 8*DIMM, 4*2.5GbE RJ45, IPMI