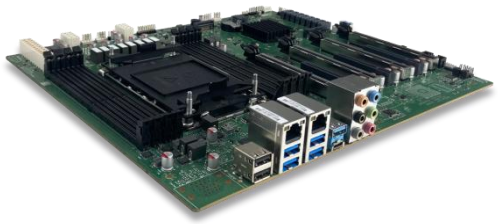
P15SWA-SIO

单路高性能服务器主板

The P15SWA is a high-performance single-channel server motherboard based on the Intel® high-performance Workstation W790 chipset and using the Sapphire Rapids series W2400 Processor 64L and W3400 Processor 112L processors.

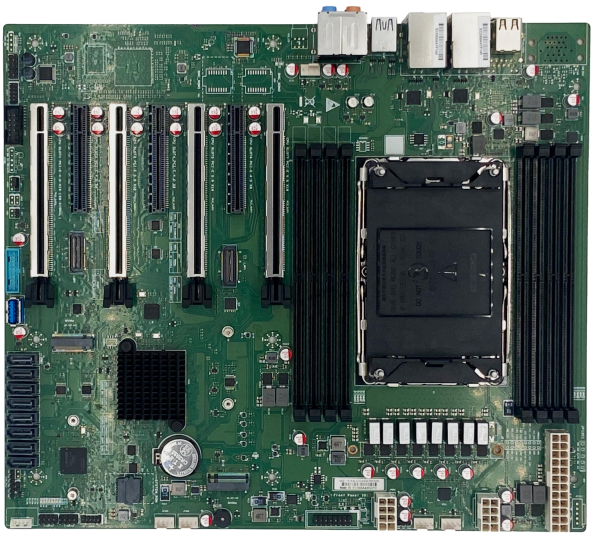


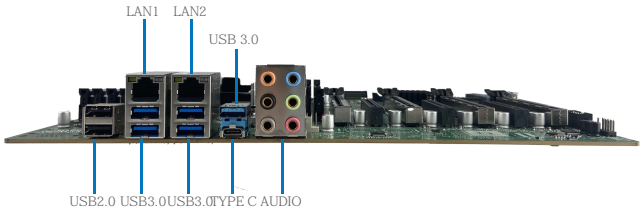
- Intel Sapphire Rapids W7-3455/3445,W5-3425/2455X，W3-2435/2425
- 8 x DDR5 RDIMM Slot，
- DDR4 3DS RDIMM，RDIMM；Max support 4800MHz, 2TB
- 3 x PCI-E 5.0 x16, 3 x PCI-E 4.0 x8，1 x PCI-E 4.0 x8（In X16 slot）
- 8 x SSD，Storage type support 6G SATAIII
- Support 2 x Intel®2.5G;
- Support USB3.0;

01 产品规格 Specifications

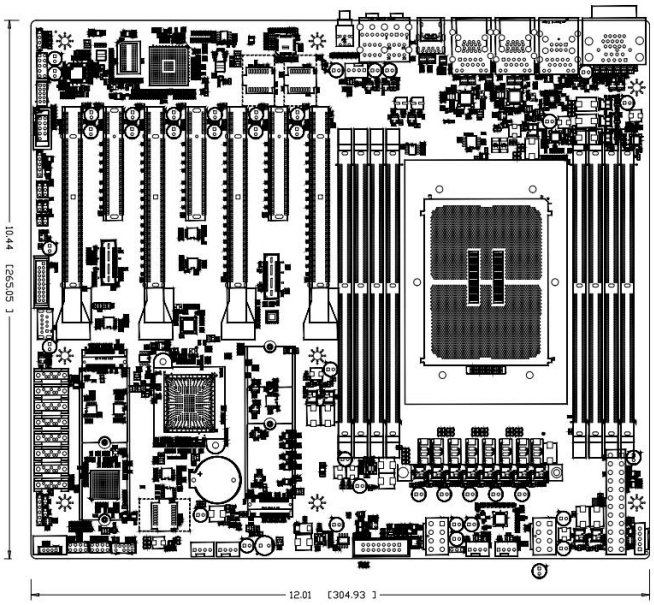
Processor	CPU	Intel Sapphire Rapids W7-3455/3445,W5-3425/2455X，W3-2435/2425
	Chipset	Intel®W790
	BIOS	AMI UEFI BIOS
Memory	Type	8 x DDR5 RDIMM Slot；64L CPU support DIMMA1/DIMMB1/DIMME1/DIMMF1; Support 4800/4400MHz ECC DDR5 RDIMM
	Capacity	W2400 Processor 64L, Max support 1TB 3DS RDIMM W3400 Processor 112L，Max support 2TB 3DS RDIMM
	GB	16G , 32G, 64GB, 128GB, 256GB
Network	Controller	Support 10/100/1000/2500Mbps，Intel i226LM Enterprise Gigabit network controller
	Interface	2 x RJ-45 2.5GbE LAN
Storage	SATA	8 x SATA3 6Gb/s，Raid 0，1，5，10
	M.2	2 x M.2 2280，PCI-E 4.0 x4
Extension	PCIe	4 x PCIe 5.0 x16,64L support PCIE SLOT1/3/5/7 （SLOT 1 support PCIE 4.0 x8）
		3 x PCIe 5.0 x8
I/O	Rear I/O	2 x USB 2.0，5 x USB 3.0，2 x RJ-45 LAN，1 x type-C，1 x 8 Channel audio interface
	Onboard I/O	1 x front COM, 1 x TPM，8 x 4pin fan,1 x The chassis detection interface is enabled，1x front Audio pin
		1 x 24-pin power+ 8-pin power+8-pin power
		1 x USB 3.0 pin ； 1 x USB 2.0 pin 2 x M.2 connector , NGFF ：2280/2242，nvme SSD；1 x SMBus；1 x USB3.0 Type A
SIZE		265.05*304.93mm
Temperature and Humidity	Working Temperature	0℃ to 40℃
	Working Humidity	8% ~90% non-condensing
	Storage Temperature	-40℃ to 70℃
	Storage Humidity	5%~95% non-condensing

02 产品图示 Product view





03 产品尺寸 Dimensions



04 产品选型 Product Selection

Model	Disposition
P15SWA-SIO	P15SWA V1.0，I226-LM，NCT5585D，ALC897