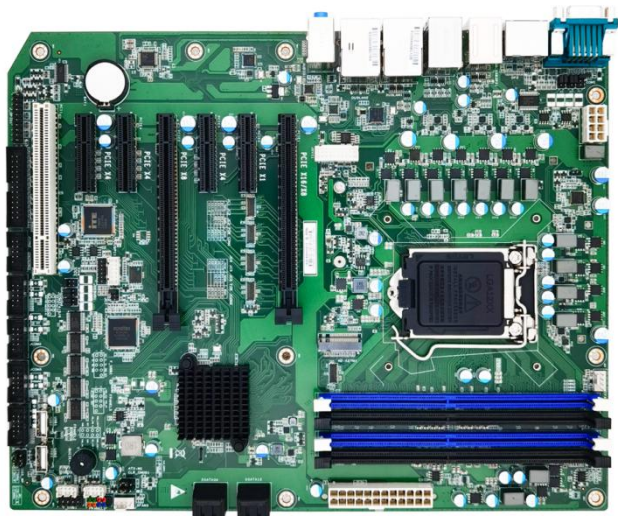


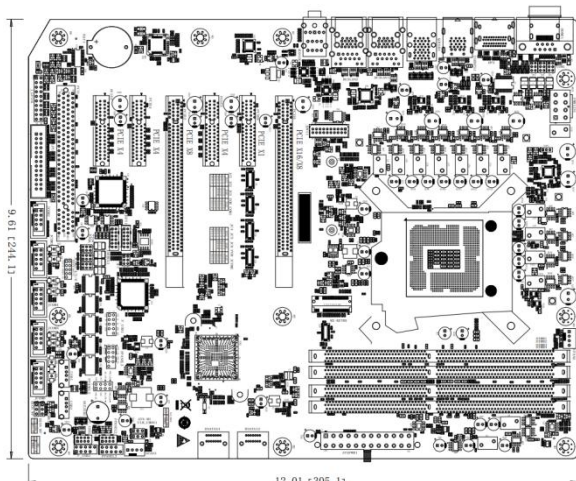
产品图片



产品特性

- ◆ Support Intel LGA1200 Gen10/11 Xeon W-1200/i9/i7/i5/i3/G series CPU
- ◆ 4 DDR4 U-DIMM support up to 128GB DDR4 system memory
- ◆ 6 PCIe expansion slots can expand up to 22 Gigabit Ethernet ports
- ◆ 10 USB3.2 high-speed interfaces to connect high-definition video equipment
- ◆ Quad ports Triple display/4SATA/2GbE/14USB/6COM/1PCI/6PCIe
- ◆ Using high Tg level pcb material to ensure wide temperature Stability
- ◆ Industrial I/o port protection blocks, effectively protects the system stable and reliable
- ◆ Using Industrial Interface Communication Chip and intel Network Chip to ensure the High Speed and Stability of data Transmission
- ◆ Optimizing I/O ports and expansion slot placement for easy expand
- ◆ Support dual GPU cards, AI and machine vision applications

产品尺寸和接口布局



IO 挡片:



订购信息

Model	Chip.	Mem.	Disp	Stor.	USB3	USB2	COM	LAN	PCI	PCIe
AIoT0-Q570	Q570	4	4 (3)	4SATA	10	4	6	2	1PCI	6PCIe
AIoT0-W580	W580	4	4 (3)	4SATA	10	4	6	2	1PCI	6PCIe

配件清单

Description	Specification	Quantity
SATA HDD cable	SATA-7P HDD cable, L=550	1
COM port cable	DB9 COM port cable/L=300	5
I/O port bracket	Stainless steel rear I / O bracket	1

产品规格

Product	Model	AIoT0-W580
	Type	ATX Industrial Motherboards
Processor	CPU	Support Intel LGA1200 Gen10/11 i9/i7/i5/i3/G series CPU W580 chipset, support Xeon W-12 CPU
	Chipset	Intel® Q570 & W580
Memory	Type	4× 288PIN DDR4 UDIMM memory slot Support DDR4-2133/2400/2666/2933/3200 (depending on CPU) W580 chipset supports ECC memory
	Max	up to 128GB
Display	Controller	Intel HD Graphics (Depends the CPU)
	Interface	Quad display output DP+DP+HDMI+DVI-D, support independent three display
Storage	Type	4 x SATA3.0, support SATA RAID 0/1/5 1 x M.2 2242/2280 Key-M SSD, support SATA bus or Nvme x4 (only Gen11)
Audio	Type	Support MIC-In, Speaker-Out, Line-In three-hole audio
Network	LAN	Dual intel GbE Ethernet ports , LAN1: i225 2.5Gb; LAN2: i219V
I/O	USB	10 x USB3.2 Type A rear IO (2 Gen. 2, 8 Gen. 1) 2 x USB2.0, preset for USB Dongle 2 USB2.0 pin header inside for front I/O
	LPT	1 x LPT printer port (can be used as GPIO)
	COM	6 COM (COM1&2 supports RS232/422/485, COM3-6 supports RS232)
	KB/Mouse Connector or	1×PS/2 2 in 1 Connector & 2 x USB 2 in 1 Connector
	Digital I/O	16-bit Digital I/O
	eSPI	1 x eSPI bus interface (2x6Pin wafer expands four more RS232/RS422/485 COM)
	TPM/TCM	SPI interface can support security encryption module
Power	Input	ATX power supply, support ATX/AT mode
Expansion	I/O	2 x16 slots (2 x PCIe x8 signals; PCIe x16) 4 PCIe x4 expansion slots (3 x4, 1 x1), 1 PCI (32bit)
Environment	Temperature	Operating: 0~60℃, Storage: -40~80℃
	Humidity	5% to 95%,Non-condensing
Function	Watch Dog	Software programmable1~255 second/minute system interrupt/reset
System	BIOS	AMI UEFI BIOS
	Operating system	Windows10, Linux (Ubuntu 18.04, Fedora Core 28)
PCB	Color	Industry green
	Dimensions	305mm X 244mm