

U580 Series Industrial PC



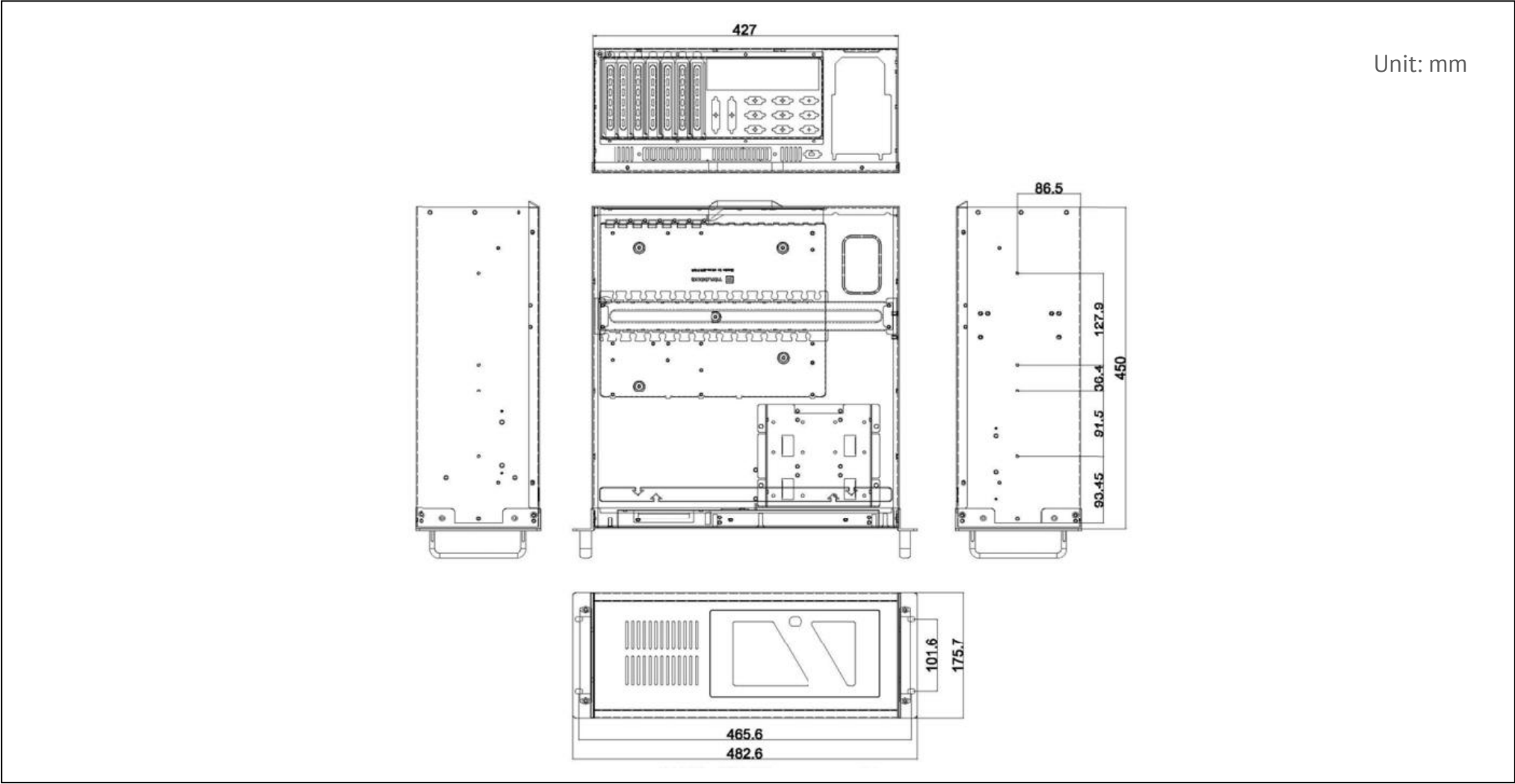
Features 产品特性

- ✓ Support LGA1200 packaged 10th& 11th generation Xeon W-12/i9/i7/i5/i3/ all series CPU
- ✓ Eleven-phase power supply, TPD up to 230W
- ✓ 2*DP, 1*HDMI
- ✓ 1*Intel I219V/LM (vPRO) GbE LAN, 1*Intel I225V/LM (vPRO optional) 2.5 GbE LAN
- ✓ 1*RS-232/422/485, 8*USB 3.2 Gen1, 2*USB 3.2 Gen2
- ✓ 3*Audio (Mic-In, Speaker-Out, Line-In), 1* PS/2
- ✓ 2*PCIe x16 (Automatically switches to x8 signal when using dual slots, and x16 when using single slot, with high-speed switch), 2*PCIe x4, 1*PCIe x1, 1*PCI
- ✓ Industrial-grade port protection blocks static electricity and surges, effectively protecting the core of the system and ensuring stability and reliability.
- ✓ Rugged design and ensure wide temperature stability

Specifications 规格信息

Item	Sub-Items	Descriptions
Processor System	CPU	Support LGA1200 packaged 10 th & 11 th generation i9/i7/i5/i3 Pentium™/Celeron™/Xeon™ W-12xx
	Chipset	Intel® Q570/W580
Memory	Technology	4 x 288Pin DDR4 UDIMM memory socket
	Max. Capacity	Single 32GB, support max 128GB
	Socket	Support DDR4-2133/2400/2666/2933/3200 according to the equipped CPU, and W580 chipset support ECC memory
Graphics	Controller	Intel® Ultra HD Graphics
External IO	DP	2, max resolution up to 4096*2160
	HDMI	1, max resolution up to 4096*2160
	LAN	LAN1: Intel I219V /LM (10/100/1000Mbps, vPRO) LAN2: Intel I225V/LM (10/100/1000/2500 Mbps, vPRO optional)
	COM	1 x RS-232/422/485
	USB	8 x USB3.2 Gen1, 2 x USB3.2 Gen2
	Audio	3 (Mic-In, Speaker-Out, Line-In)
	PS/2	1
Internal IO	USB 2.0	2 x USB2.0 PIN , 2 x USB Dongle
	M.2	1 x M.2 2242/2280 socket, Support NVME SSD (11 th generation CPU) or SATA SSD (10 th generation CPU)
	LPT	1 (Programmed to support GPIO)
	SATA	4 x SATA3.0 supports SATA RAID 0/1/5 (SATA1 has no signal when using M.2)
Expansion	PCIe x16	2 (Automatically switches to x8 signal when using dual slots, and x16 when using single slot)
	PCIe x4	3
	PCIe x1	1
	PCI	1
Storage	Maximum data transfer rate	600 MB/s
	Channel	SATA III
Power	Power supply	ATX regular
Others	Watchdog	255 levels of programmable seconds/minutes
	TPM	Onboard encryption chip SLB9670 supports TPM2.0
OS	Operation system	Win10 64bit, Linux (Ubuntu 18.04, Fedora Core 28)
Physical Characteristics	Dimension	483 x 450 x 176 mm (L x W x H)
	Weight	10.3KG
Environment	Operational	Temperature range -20℃~60℃, relative humidity 10%~85%, atmospheric pressure 85~105kPa
	Storage	Temperature range -40℃~85℃, relative humidity 5%~95%(40%), atmospheric pressure 85 ~105 kPa

Dimensions 尺寸



Interface 接口

