



EAX-W480P

Intel® 10th Gen. Core™
i9/i7/i5/i3/Pentium®/Celeron®/Xeon® W-1200 series
Processor ATX Motherboard With Intel® W480E
Chipset

- > Intel® 10th Generation Core™ i9/i7/i5/i3/ Pentium®/ Celeron®/ Xeon® W-1200 Series Processor (Max. TDP at 125W)
- > Intel® W480E Chipset
- > 4 x 288-pin DDR4 U-DIMM socket, supports up to 128GB (ECC memory support by CPU)
- > DDR4 2933MHz (W1290E /W1290TE /W1270E /W1290TE /i9 /i7 CPU) /
DDR4 2666MHz (W1250E /W1250TE /i5 /i3 CPU) /
DDR4 2400MHz (Pentium / Celeron CPU)
- > DVI-D, DP++, DP++, 4 x SATA III
- > 2 x PCI-e x16 slot for 1 x PCI-e x16 or 2 x PCI-e x8 (By Auto switch IC), 4 x PCI-e x4
- > 5 x USB 2.0 by pin header, 1 x USB 2.0 Vertical type A
- > PS/2 KB/MS + 2 x USB 2.0, 3 x RJ-45 with Dual deck for 6 x USB 3.1 GEN 2 connector at I/O
- > 1 x COM at I/O; 8 x RS232, 2 x RS232/422/485 (COM2 & 3 by BIOS selection)
- > 1 x M.2 (2242/2260/2280) B-Key, support SSD PCI-e x1 Signal
- > Support RAID 0, 1, 5, 10
- > Infineon SLB9665 support TPM 2.0 (BOM option)
- > ATX Power

+ Spec

System Information	
Processor	Intel® LGA1200 Socket Supports 10th Generation Core™ & / Intel® Xeon® Process (Workstation) / Pentium®/Celeron® Processors
Platform Controller Hub	Intel® W480E Chipset
System Memory	4 x 288-pin DDR4 U-DIMM supports up to 128GB (ECC memory supported by CPU)
I/O Chipset	Nuvoton® NCT6106D Fintek F81216AD
BIOS Information	AMI uEFI BIOS, 256Mbit SPI Flash ROM
Watchdog Timer	H/W Reset, 5~255 seconds/5~255 minutes
H/W Status Monitor	CPU temperature monitoring, Voltages monitoring, CPU fan speed control
TPM	Infineon SLB9665 supports TPM 2.0 (BOM optional)
Board	ATX Board
Expansion	
Expansion	2 x PCI-e x16 slot for 1 x PCI-e x16 or 2 x PCI-e x8 (By Auto switch IC) 4 x PCI-e x4
Storage	
Storage	1 x M.2 (2242/2260/2280) B-Key, support SSD PCI-e x1 Signal
I/O	
USB Port	PS/2 KB/MS + 2 x USB 2.0 GEN 2 3 x RJ-45 with Dual deck for 6 x USB 3.1 GEN 2 connector
COM Port	1 x COM
SATA	4 x SATA III
DIO	1 x 16-bit GPIO
MIO	1 x PS/2 Keyboard or 1 x PS/2 Mouse
RS232	8 x RS232 2 x RS232/422/485 (COM2 & 3 by BIOS selection)
Display	
Graphic Chipset	Intel® 10th Generation CPU integrated
Spec. & Resolution	DVI-D: 2048 x 1536 @ 60Hz DP++: 4096 x 2304 @ 60Hz
Multiple Display	Triple Display
Ethernet	
LAN Chipset	1 x Intel® I219LM Gigabit Ethernet PHY 1 x Intel® I210AT PCI-e Gigabit Ethernet 1 x Intel® I225V 2.5 Gigabit Ethernet Controller
LAN Port	3 x RJ-45
Mechanical & Environmental	
Operating Temperature	0~60°C (32~140°F)
Storage Temperature	-40 ~ 75°C
Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Weight	1.32lbs (0.6 kg)
Power Requirement	+12V/+5V/5VSB/+3.3V/-12V
ACPI	Single power ATX Support S0, S3, S4, S5
Power Mode	AT/ATX
Dimension (L x W)	12" x 9.6" (304.8mm x 243.84mm)
Ordering Information	
Ordering Information	EAX-W480P-A1R Intel® 10th Generation Core™ i9/i7/i5/i3/Pentium®/Celeron®/ Xeon® W-1200 Series Processor ATX Motherboard With Intel® W480E Chipset