



## 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 supported 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
- > ATX Power

### + Spec

-System Information-	
<b>Processor</b>	Intel® LGA1200 Socket Supports 10th Generation Core™ & / Intel® Xeon®Process(Workstation) / Pentium®/Celeron® Processors
<b>Platform Controller Hub</b>	Intel® W480E Chipset
<b>System Memory</b>	4 x 288-pin DDR4 U-DIMM supports up to 128GB (ECC memory supported by CPU)
<b>I/O Chipset</b>	Nuvoton® NCT6106D Fintek F81216AD
<b>BIOS Information</b>	AMI uEFI BIOS, 256Mbit SPI Flash ROM
<b>Watchdog Timer</b>	H/W Reset, 5~255 seconds/5~255 minutes
<b>H/W Status Monitor</b>	CPU temperature monitoring, Voltages monitoring, CPU fan speed control
<b>TPM</b>	Infineon SLB9665 supports TPM 2.0
<b>Board</b>	ATX Board
Expansion	
<b>Expansion</b>	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	
<b>Storage</b>	1 x M.2 (2242/2260/2280) B-Key, support SSD PCI-e x1 Signal
I/O	
<b>USB Port</b>	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
<b>COM Port</b>	1 x COM
<b>SATA</b>	4 x SATA III
<b>DIO</b>	1 x 16-bit GPIO
<b>MIO</b>	1 x PS/2 Keyboard or 1 x PS/2 Mouse
<b>RS232</b>	8 x RS232 2 x RS232/422/485 (COM2 & 3 by BIOS selection)
Display	
<b>Graphic Chipset</b>	Intel® 10th Generation CPU integrated
<b>Spec. &amp; Resolution</b>	DVI-D: 2048 x 1536 @ 60Hz DP++: 4096 x 2304 @ 60Hz
<b>Multiple Display</b>	Triple Display
Audio	
<b>Audio Codec</b>	Without Audio Coded IC. Please check with your sales for OEM version.
Ethernet	
<b>LAN Chipset</b>	1 x Intel® I219LM Gigabit Ethernet PHY 1 x Intel® I210AT PCI-e Gigabit Ethernet 1 x Intel® I225V 2.5 Gigabit Ethernet Controller
<b>LAN Port</b>	3 x RJ-45
Mechanical & Environmental	
<b>Operating Temperature</b>	0~60°C (32~140°F)
<b>Storage Temperature</b>	-40 ~ 75°C
<b>Operating Humidity</b>	40°C @ 95% Relative Humidity, Non-condensing
<b>Weight</b>	1.32lbs (0.6 kg)
<b>Power Requirement</b>	+12V/+5V/5VSB/+3.3V/-12V
<b>ACPI</b>	Single power ATX Support S0, S3, S4, S5
<b>Power Mode</b>	AT/ATX
<b>Dimension (L x W)</b>	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

Standard Product without Audio function. Please check with your sales for OEM version.