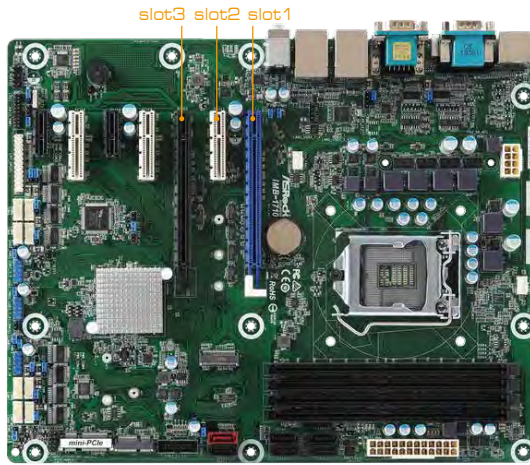


IMB-X1710

ATX Motherboard



Key Features

- Supports Intel® Xeon® E-2100 Processors
- Supports Dual Channel DDR4 4 x Long-DIMM 2400/2666, up to 64GB
- Supports ECC DIMM memory modules
- 2 x Displayport, 1 x HDMI, 1 x VGA
- 6 x USB 3.1, 6 x USB 2.0, 6 x SATA3, 10 x COM
- 1 x PCIe x16, 1 x PCIe x8, 3 x PCIe x4, 2 x PCIe x1, 1 x mini-PCIe
- 1 x M.2 Key E, 1 x M.2 Key M
- 2 x Intel LAN
- 1 x TPM
- ATX PWR 24+8-pin
- Support RAID 0,1,5,10

3 OPTIONS FOR PCIE SLOT 1~3			
Slot1	x16	x8	x8
Slot2	0	0	x4
Slot3	0	x8	x4

Specifications

Processor System	
Dimensions	ATX (12-in x 9.6-in)
CPU	Supports Intel® Xeon® E-2100 Processors
Chipset	Intel® C246

Expansion Slot	
PCIe	1 x PCIe x16, 1 x PCIe x8, 3 x PCIe x4, 2 x PCIe x1
mini-PCIe	1 x Full/Half with PCIe x1 and USB 2.0
M.2	1x M.2 (Key E, 2230) with PCIe x1, CNVI and USB2.0 for Wireless 1x M.2 (Key M, 2242/2260/2280) with PCIe x4 and shared SATA3 for SSD

Memory	
Technology	Dual Channel DDR4 2400/2666 MHz
Max	64 GB
Socket	4 x LONG-DIMM

Graphics	
VGA	Max resolution up to 1920x1200 @60Hz
DVI	N/A
LVDS	N/A
eDP	N/A
HDMI	Max resolution up to 4096x2160@24Hz
DisplayPort	Max resolution up to 4096x2304@60Hz
Multi Display	Triple Display

Ethernet	
Interface	10/100/1000 Mbps
Controller	1 x Intel I210, 1 x Intel I219LM

Environment	
Operating Temperature	0°C – 60°C
Storage Temperature	-40°C – 85° C

Rear I/O	
VGA	1
DVI	N/A
HDMI	1
DisplayPort	2
Ethernet	2
USB	4 x USB3.1
Serial	2 x COM (RS-232/422/485)
Audio Jack	3 (Mic-in, Line-out, Line-in)
PS/2	1 x PS/2 Combo

Internal Connector	
USB	2 x USB3.1, 6 x USB2.0
LVDS	N/A
eDP	N/A
VGA	N/A
Serial	8 x COM (RS-232)
SATA	6 x SATA3 (6.0Gb/s), one is shared with M.2 Key M
Parallel	1 (shared with GPIO)
GPIO	8 x GPI, 8 x GPO
SATA PWR Output Con	N/A
Speaker Header	1
TPM	1 x Onboard IC

Watchdog Timer	
Output	From super I/O to drag RESETCON#
Interval	256 Segments, 0,1,2...255 Sec

Power Requirements	
Input PWR	ATX PWR 24+8-pin
Power On	AT/ATX Supported -AT : Directly PWR on as power input ready -ATX : Press button to PWR on after power input ready"