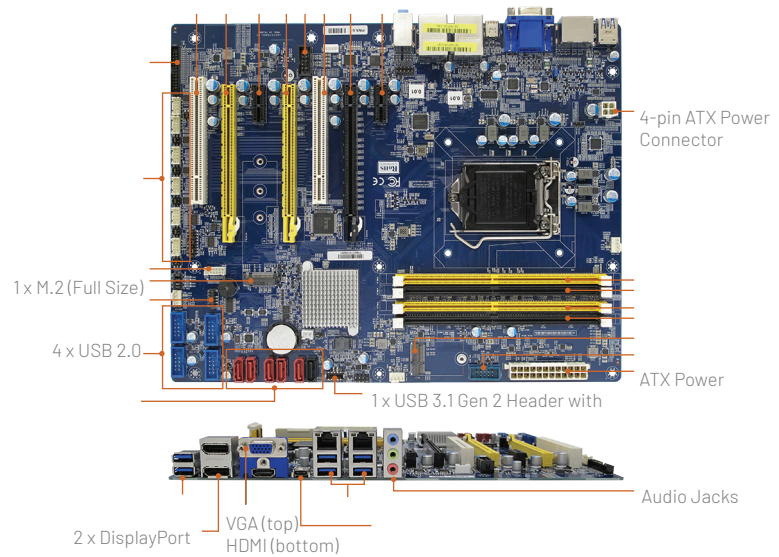


### Features

- LGA1151 socket supports 2C/4C/6C Intel® Xeon E, Core™-i, Pentium®, Celeron® processors
- 4 x DIMM sockets support 2666/2400/2133 MHz UDIMM up to 64GB system memory
- Supports ECC Memory using compatible processors
- 1 x PCIe x16, 2 x PCIe x4, 2 x PCIe x1, 2 x PCI, 2 x M.2
- Supports Triple Displays
- 1 x HDMI, 2 x DisplayPorts (supports DP++), 1 x VGA
- Onboard USB: 8 x USB 2.0 and 1 x USB 3.1 Gen 2 Header (2 Ports on Header)
- External USB: 6 x USB 3.1 Gen 1 (Speed up to 5Gbps) and 1 x USB 3.1 Gen 2 Type-C (Speed up to 10Gbps)
- 6 x COM Ports
- TPM 2.0

### Specifications

System	
CPU	LGA1151 socket supports 2C/4C/6C Intel® Xeon E, Core™-i, Pentium®, Celeron® processors (Intel® Coffee Lake Platform) up to 95W TDP Supported Intel® 9th gen processors: Intel® Core i7-9700E Intel® Core i7-9700TE Intel® Core i5-9500TE Intel® Core i5-9500E Intel® Core i3-9100E Intel® Core i3-9100TE
System Chipset	Intel® C246 Express Chipset
System Memory	4 x DIMM sockets support 2666/2400/2133 MHz UDIMM up to 64GB Supports ECC Memory using compatible processors
Audio	Realtek HD Audio support 7.1 channel sound playback
Ethernet	Intel® I225/I226 Ethernet Controller * Please note 05/12/2022 PCN update
BIOS	AMI 256Mb SPI BIOS
Expansion	1 x PCIe x16 Slot 2 x PCIe x4 Slots 2 x PCIe x1 Slots 2 x PCI Slots 1 x M.2 Type M 2242, 2260, 2280 Slot (with PCIe x4 & SATA III) 1 x M.2 Type A/E 2232 (with USB & PCIe x1)
TPM	TPM 2.0
Display	
Graphics Engine	Intel® Integrated Graphic
Display Interfaces	2 x DisplayPort (supports DP++), 1 x HDMI, 1 x VGA
Display Capability	Supports 3 Independent Display
External I/O	
Audio	Line-in, Line-out, Mic-in
USB	2 x USB 3.1 Gen 2 Type-A Connectors 1 x USB 3.1 Gen 2 Type-C Connectors Note: USB 3.1 Gen 1 (Speed up to 5Gbps), same as USB 3.0 USB 3.1 Gen 2 (Speed up to 10Gbps)
LAN and USB	2 x RJ45 and 2 x USB 3.1 Gen 1 (Stacked) (4 x USB 3.1 Ports)
Display	1 x DB-15 VGA 2 x DisplayPort (supports DP++) 1 x HDMI



Onboard I/O	
USB	4 x USB 2.0 Headers (8 Ports on Header) 1 x USB 3.1 Gen 2 Header with Shroud (2 Ports on Header)
COM	5 x RS-232 Headers with Voltage Selection 1 x RS-232/422/485 Headers with Voltage Selection
SATA	5 x SATA III 1 x SATA III (Shared with M.2)
MIO	1 x LPT, 1 x LPC, 1 x SPI, 1 x Front Audio, 1 x Amplifier, 1 x Front Panel, 1 x 8-bit GPIO, 1 x 4-pin CPU Fan, 2 x 4-pin Chassis Fan, 2 x LAN Status LED Headers, 1 x Horizontal Socket Type CMOS Battery Holder, 1 x Chassis Intrusion Locking Type Header

Mechanical & Environment	
Power Connector	1 x Std. 24 pin ATX Connector 1 x 4 pin ATX 12 Connector AT/ATX Mode Jumper
Operating Temp.	0°C ~ 60°C (32°F ~ 140°F)
Storage Temp.	-20°C ~ 80°C (-4°F ~ 176°F)
Operating Humidity	5% ~ 90% Relative Humidity, Non-condensing
Dimensions	12" x 9.6" (305x244mm)
Certification Information	CE, FCC Class B
Weight	1.85 lbs

Ordering Info	
BC246C	Intel C246 ATX Motherboard
Accessory	1 x I/O Shield

\* All product specifications and images are subject to change without notice. Last update: 2020/12/14

