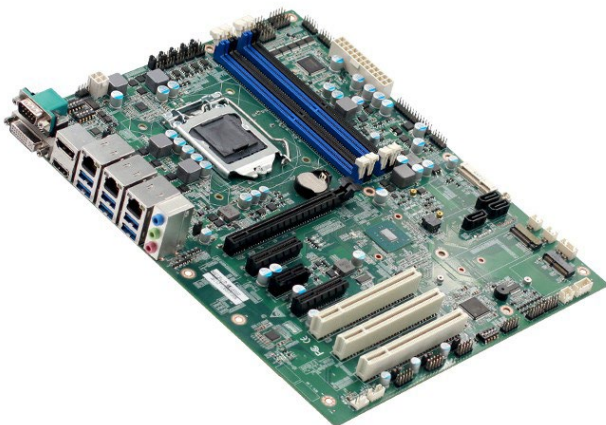
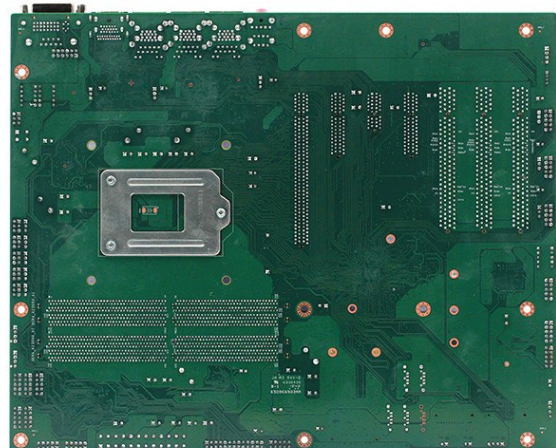
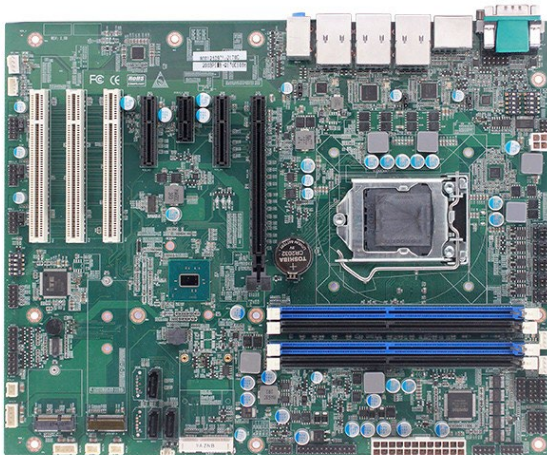




ATX Motherboard Based on Q170 Chipset, Supporting LGA1151 Intel 6th/7th Gen. Core (i3/i5/i7)/Pentium/Celeron CPU

Main Features:

- Support LGA1151 Intel 6th/7th Gen. Core (i3/i5/i7)/Pentium/Celeron CPU
- High-speed Q170 chipset
- 4 x DDR4 memory slots, dual-channel, 2133MHz
- 1 x VGA, 1 x HDMI, 1 x DP, 1 x DVI (support triple display, HDMI and DP support 4096 x 2304 4K display output)
- 1 x PCIe X16, 2 x PCIe X4, 1 x PCIe X1, 3 x PCI
- Support Intel AMT active management technology (CPU and I219-LM network card supporting Vpro are required)
- ATX power supply
- Dimension: 305 x 244mm

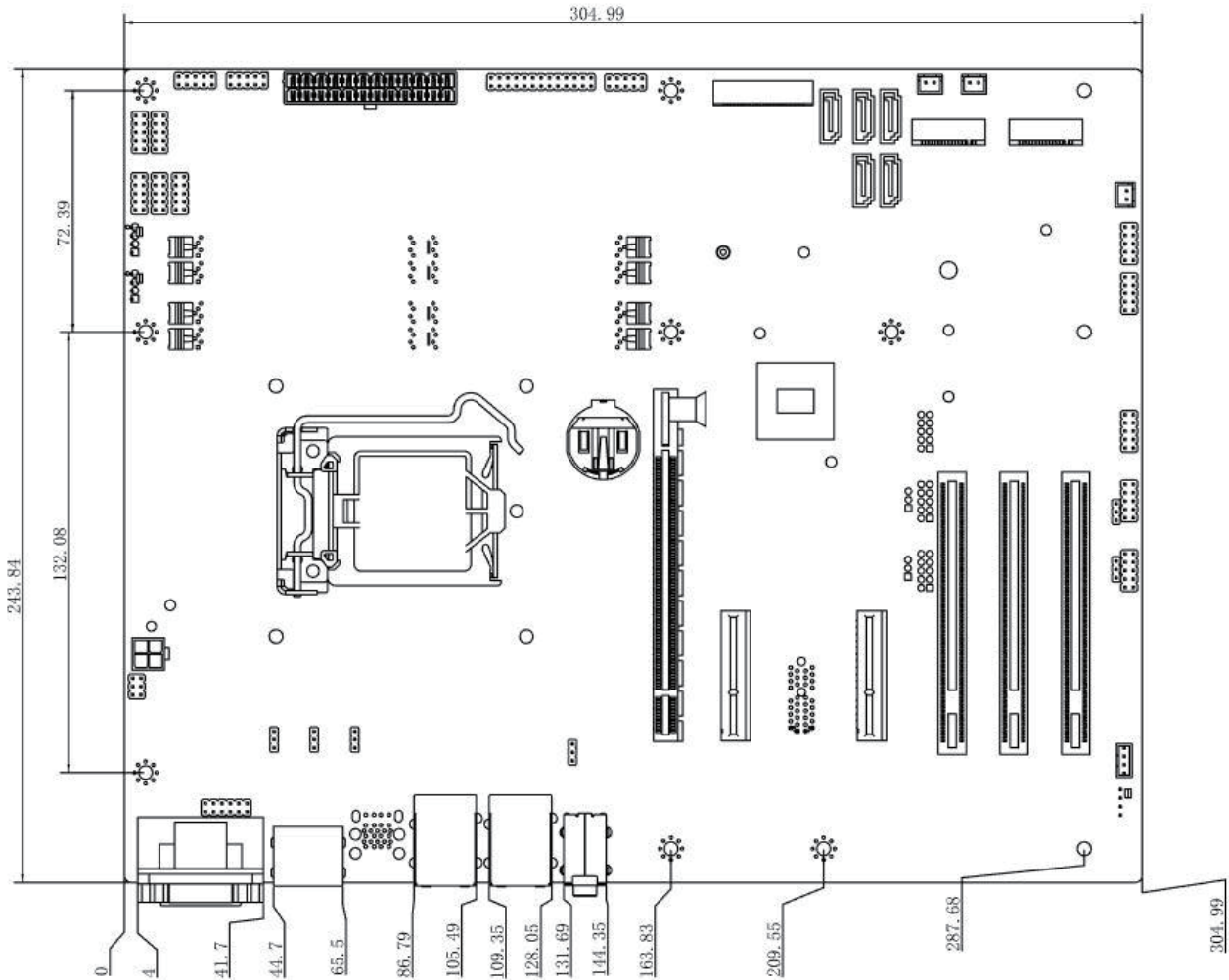


Specification:

System	
CPU	Intel 6th/7th Gen. Core, Pentium, Celeron series processors
CPU Slot	LGA1151
Chipset	Q170
BIOS	EFI BIOS
Memory	Dual-channel DDR4 2133/2400MHz, 4 x DDR4 slots, up to 64GB
Storage	4 x Standard SATA III, Max. transmission rate 6Gb/s
OS	Windows 7, Windows 10, Linux
Video & Audio	
Graphics	Intel HD Graphics 630 (GPU model depends on the CPU selected)
VGA	2 x 6, 2.54mm pin headers, Max. resolution up to 2048 x 1536@50Hz
HDMI	HDMI 1.4, Max. resolution up to 4096 x 2304@24Hz
DP	Max. resolution up to 4096 x 2304@60Hz
DVI	Max. resolution up to 1920 x 1200@60Hz
Triple Display	Support three-screen synchronous or asynchronous display
Audio	Realtek HD ALC269Q-VB (LINE-OUT + MIC-IN + LINE-IN + SPKOUT)
Network	
Controller	2 x Intel I211AT Gigabit Ethernet, 1 x Intel I219-LM Gigabit Ethernet
Rear Panel I/O	
Interface	1 x DP, 1 x HDMI, 1 x DVI, 3 x LAN, 6 x USB 3.0, 1 x MIC-OUT/LINE-OUT/LINE IN
I/O Interfaces	
USB	6 x USB 3.0, compatible with USB 2.0/1.1, 6 x USB 2.0, up to +5V/1.5A
Serial Port	COM 1 has RS232/RS485/RS422 (DB9) options through DIP switch and BIOS setting, COM 2, 3, 4, 5, 6 have RS232/RS485 (pin header) options through jumper and BIOS setting
Printer	1 x LPT
PS/2	1 x PS/2 (pin header interface)
GPIO	2 x 8bit, routine provided, self-defining input/output, 5V@24mA electrical level
Super I/O Controller	NCT6106D
Expansion Bus	
Mini-PCIe	1 x Mini-PCIe slot, support PCIe devices
PCIe	1 x PCIe X16, 2 x PCIe X4, 1 x PCIe X1
PCI	3 x PCI slots
M.2	1 x Key M: 2242/2260/2280 SATA bus interface, 1 x Key E: 2230 interface (WIFI)
Function	
Watch Dog Timer	0-255s, watch dog routine provided
Power Supply	
Type	ATX power supply
Mechanical & Environment	
Dimension	305 x 244mm
Weight	0.5KG
Operating Temp.	-20°C~+60°C
Storage Temp.	-40°C~+85°C
Operating Humidity	0%~90%, non-condensing
Storage Humidity	0%~90%, non-condensing
Certification	
Certificates	CE, RoHS, FCC

Dimension:

Unit: mm



Order Information:

Model No.	Description	CPU
EMB-IQ170P-A26	Chipset: Intel Q170 CPU Slot: LGA 1151 Memory Type: 4 x DDR4 Slots	CPU Options: Intel 6th/7th Gen. Core (i3/i5/i7)/Pentium/Celeron CPU

Packing List:

- 1 x I/O Back Panel
- 1 x Driver CD
- 1 x SATA
- 1 x SATA-P Cable

ABOUT POLYHEX

As a board level and system level designer and manufacturer, Polyhex, with 9-year experience, always delivers best-in-class embedded computing solutions based on both ARM and X86 architecture, including hardware customization and software debugging etc. Partnered with silicon vendors like Intel, NXP, ST, Rockchip, Allwinner and so on, we have earned trust from clients worldwide in over 30 countries. Polyhex is also certified with ISO9001 and ISO13485 for the self-owned manufacture facility.

