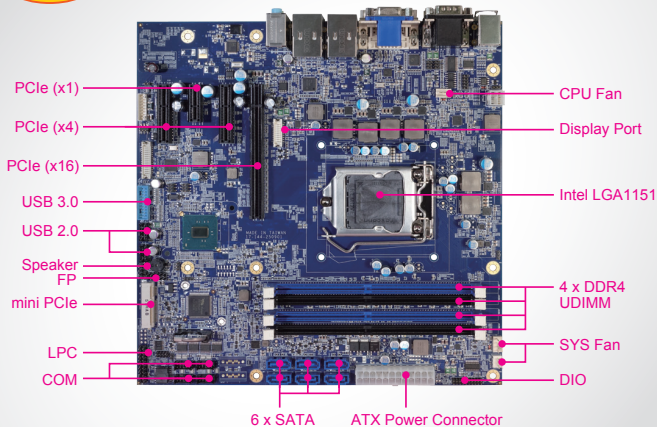


## Micro-ATX Mainboard

**NEW**



### Features



- Intel® 7th/6th Gen. Core™ i7/ i5/ i3/ Xeon® E3-1200 v6/ v5 CPU
- Supports ECC memory (C236 SKU only)
- 6 x COM, 2 x LAN, 10 x USB, 2 x PS/2
- 1 x VGA, 1 x DVI-D, 1 x DP (internal)
- 6 x SATA, supporting RAID 0/1/5/10/01
- 1 x mini PCIe slot
- 1 x PCIe (x16), 2 x PCIe (x4), 1 x PCIe (x1)

### Specifications

#### System

CPU Support	LGA1151 socket for Intel® 7th/6th Gen. Core™ i7/ i5/ i3 desktop CPU and Xeon® E3-1200 v6/ v5 server CPU
CPU List	Xeon®: E3-1275 v6, E3-1275 v5, E3-1225 v5, E3-1268 v5 7th Core™: i7-7700T(TE), i5-7500T(TE), i3-7100T(TE) 6th Core™: i7-6700(TE), i5-6500(TE), i3-6100(TE) Pentium®: G4400(TE) Celeron®: G3900(TE)
Chipset	Intel® C236 (supports Xeon®/Core™/Pentium®/Celeron® CPU) Intel® H110/Q170 (supports Core™/Pentium®/Celeron® CPU)
Memory Support	4 x DIMM sockets, supporting 1866/2133MHz DDR4 up to 64GB C236 SKU supports ECC memory H110 SKU supports only 2 x DIMM sockets (up to 32GB)
BIOS	AMI UEFI BIOS
Watchdog	1~255 seconds watchdog timer selectable
Power Supply	Supports ATX power (24+4pin)
Power Consumption	+5V:1.57A; +12V:5.09A; +3.3V:0.43A; +5VSB:0.16A (CPU: i7 6700 3.4GHz)
Dimensions	244 x 244 mm (9.6" x 9.6")
Certifications	CE/ FCC
O.S. Support	Windows 10 64bit / Windows 8.1 64bit / Windows 7 32/64bit

#### Graphics

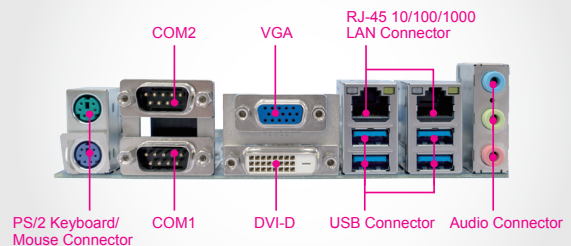
VGA	1 x VGA (rear I/O) up to 1920x1200 @60Hz
DVI	1 x DVI-D (rear I/O) up to 2560x1600 @60Hz
Display Port	1 x DP (internal) up to 4096x2304 @60Hz

\* The discrete graphics card is necessary for display if the integrated graphics support is not available in the CPU.

#### Environment

Operating Temp.	0~60°C (32~140°F) @humidity 20~90%
Storage Temp.	-40~85°C (-40~185°F) @humidity 20~95%

### I/O Panel View



### I/O Ports

SATA Interface	6 x SATA 3.0 C236/Q170 SKU supports RAID 0/1/5/10/01 H110 SKU supports only 4 x SATA 3.0
Expansion BUS	Q170/C236 SKU: 1 x PCIe(x16), 2 x PCIe(x4), 1 x PCIe(x1), 1 x mPCIe H110 SKU: 1 x PCIe(x16), 1 x PCIe(x4), 1 x PCIe(x1), 1 x mPCIe
LPC	1 x LPC (pin header) for optional TPM module
Serial Ports	6 x COM COM1-6: RS-232, COM2: RS-232/422/485 COM3/4: supports 5V/12V
Keyboard/Mouse	2 x PS/2 (rear I/O)
FAN	1 x CPU fan, 2 x system fans (internal connector)
LAN	Dual LAN (2 x RJ45 on rear I/O) LAN 1: Intel® PHY 219 LM (GbE) LAN 2: Intel® LAN 210 AT (GbE) Supports Wake-On-LAN
Audio	Mic In / Line In / Line Out (rear I/O)
Digital I/O	8 in/8 out (pin header)
USB	10 ports: 4 x USB 3.0 (rear I/O) 4 x USB 2.0 (internal wafer) 2 x USB 3.0 (box header) for only C236/Q170 SKU