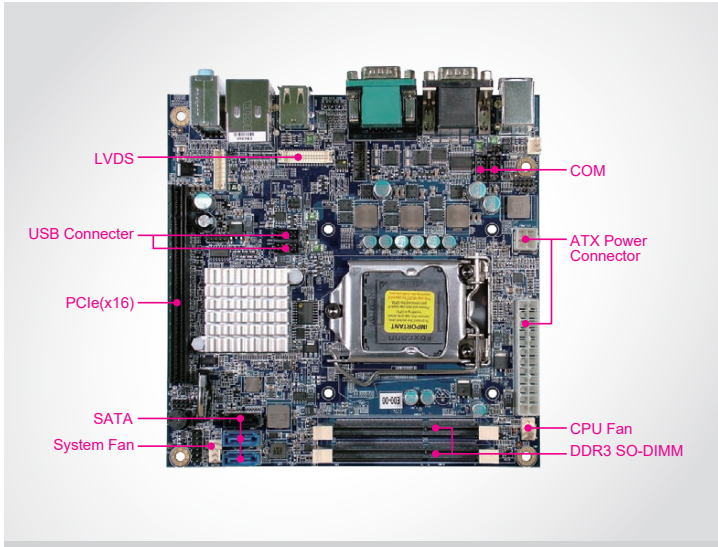


Mini-ITX Board



Features



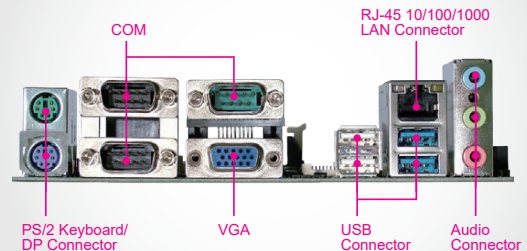
- Intel® 4th Gen. Core™ i7/ i5/ i3 CPU
- Intel® H81 chipset
- 6 x COM, 8 x USB, 2 x PS/2, 1 x LAN
- 1 x VGA, 1 x LVDS
- 3 x SATA
- 1 x PCIe (x16)

Specifications

System

CPU Support	LGA1150 socket for Intel® 4th Gen. Core™ i7/ i5/ i3 / Pentium® desktop CPU
CPU List	Intel® Core™: i7-4770S: 65w, 4C, 3.1/3.9GHz i5-4570S: 65w, 4C, 2.9/3.6GHz i3-4340TE: 35w, 2C, 2.60GHz Intel® Pentium®: G3420: 53w, 2C, 3.2GHz
Chipset	Intel® H81chipset
DRAM	2 x SO-DIMM sockets, supporting 1333/1600 DDR3 memory up to 16GB (non-ECC)
BIOS	AMI BIOS
Watchdog	1~255 seconds watchdog timer selectable
Power Supply	ATX power
Power Consumption	+5V:1.05A; +12V:1.92A; +3.3V:0.4A; +5VSB:0.16A (CPU: i7-4770S)
Dimensions	170 x 170mm (6.69" x 6.69")
Certifications	CE / FCC
OS Support	Windows 7, Windows 8

I/O Panel View



Graphics

VGA	1 x VGA (rear IO) up to 1920x1200 @60Hz
LVDS	1 x LVDS (internal), up to 18/24 bits, dual channel Resolution range: 800x600~1920x1200

* 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 5~90%
Storage Temp.	-40~85°C (-40~185°F)@ humidity 5~90%

I/O Ports

SATA Interface	2 x SATA3.0, 1 x SATA2.0
Expansion Bus	1 x PCIe (x16)
Serial Ports	6 x ports COM1/3: RS-232 (rear IO) COM2: RS-232/422/485 (rear IO), selected by jumper COM4~6: RS-232 (internal wafer) COM1/2 supports 5V/12V selected by jumper
LAN	Single LAN (1 x RJ45 on rear IO) LAN 1: Intel® i217 (GbE) Supports wake-on-LAN
Audio	MIC / Line-in / Line-out (rear IO)
Keyboard/Mouse	2 x PS/2 (rear IO)
USB	8 ports: 2 x USB 2.0 (rear IO) 2 x USB 3.0 (rear IO) 4 x USB 2.0 (internal wafer)
FAN	1 x CPU fan (4pin), 1 x system fan (4pin), 1 x system fan (3pin)