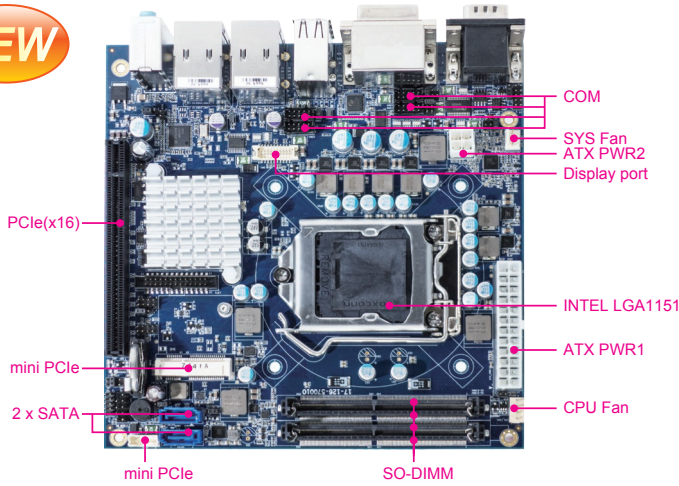


NEW



Features

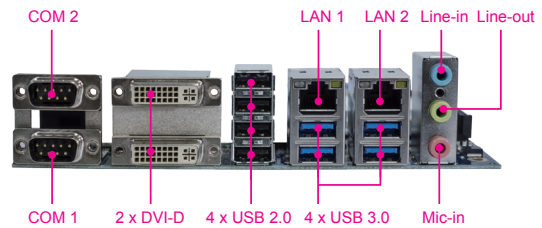
- Mini-ITX supports Intel® 6th / 7th Gen. Core™ i7/i5/i3 and Pentium/Celeron® Processor LGA1151
- Memory support 2 x 260pin SO-DIMM DDR4, 2133MHz, up to 32 GB
- Support DVI and Display Port
- 2 independent Audio Streams
- Support Dual Gigabit LAN
- Support 2 x SATA III, RAID 0, 1.
- Expansion Slots for 1 PCIe(16x), 1 mini PCIe(half size card)
- Support 6 serial ports

Specifications

System

| | |
|-------------------|--|
| CPU Support | Intel® 6th / 7th Gen. Core™ i7 / i5 / i3 and Pentium / Celeron® processor |
| CPU | H110 / Q170: i7-6700(TE), i5-6500(TE), i3-6100(TE), Pentium G4400(TE), Celeron G3900(TE) |
| Chipset | Intel® H110 / Q170 |
| DRAM | 2 x 260pin SO-DIMM DDR4, 2133MHz, up to 32 GB |
| BIOS | AMI BIOS |
| Watchdog | 1~255 secs Watchdog timer selectable w / Reset / NMI |
| Power Supply | Support ATX 24+ 4 Power |
| Power Consumption | +5V:TBD; +12V:TBD; +3.3V:TBD; +5VSB:TBD (CPU: Xeon E3 xxxx x.xGHz) |
| Dimension | 170 mm × 170 mm (6.69" × 6.69") |
| Certificate | FCC / CE |

I/O Panel View



I/O Ports

| | |
|----------------|--|
| SATA Interface | 2 x SATA III connector |
| Expansion BUS | 1 PCIe(16x), 1 mini PCIe(half size card) |
| Serial Port | 6 x COM port; COM 1/3/4/5/6 for RS-232, COM 1 for RS-232/422/485 COM1/2/4 supports 5V/12V selected by jumper |
| Parallel Port | 1 x Parallel Port (SPP/EPP/ECP) |
| IrDA | n/a |
| LAN | Dual Ports LAN 1: Intel® PHY 219 LM (10/100/1000 Mbps) LAN 2: Intel® LAN 210 AT (10/100/1000 Mbps) Support Wake-on-LAN with ATX power |
| Audio | High Definition Audio; Realtek ALC888/ALC886 with Line-in/Line-out/MIC |
| USB | 4 x USB3.0; 4 x USB2.0; 1 x USB2.0 (on board) |

Graphics

| | |
|--------------|--|
| Graphics | Build-in processor, share system memory; Support DVI-D, Display port |
| DVI | 2 x DVI-D up to 1920x1200@60Hz |
| Display Port | 1 x display port up to 4096x2304 @60Hz (on board) |

Environment

| | |
|-----------------|------------------------------|
| Operating Temp. | 0° ~ 40°C (32° ~ 104°F) |
| Storage Temp. | - 20° ~ 80°C (-4°F ~ 176°F) |
| Humidity | Operation humidity 20% ~ 90% |

Ordering Information

| Order No | Description |
|-----------------|--|
| IPC-MP22502-00P | HSF, mini-ITX with Intel i7/i5/i3 Processor (LGA1151) + H110, 2 DDR4/2 DVI/2 LAN/6 COM/4 USB3.0/4 USB2.0 |
| IPC-MP22502-05P | HSF, mini-ITX with Intel i7/i5/i3 Processor (LGA1151) + Q170, 2 DDR4/2 DVI/2 LAN/6 COM/4 USB3.0/4 USB2.0 |