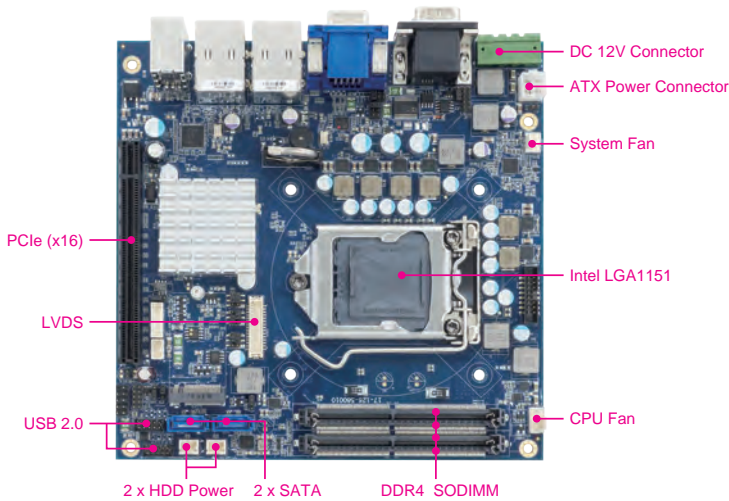


IPC-MP22503

Mini-ITX Intel® 7th / 6th Gen. Core™ i7 / i5 / i3 / Pentium® / Celeron® CPU



Features



- Intel® 7th / 6th Gen. Core™ i7 / i5 / i3 CPU
- 2 x Gb LAN, 8 x USB
- 1 x VGA, 1 x DP, 1 x LVDS (internal)
- 2 x SATA III, supporting RAID 0/1
- 1 x PCIe (x16), 1 x M.2 (2242-D2-M)

Specifications

System

| | |
|-------------------|---|
| CPU Support | LGA1151 socket for Intel® 7th / 6th Gen. Core™ i7 / i5 / i3 / Pentium® / Celeron® desktop CPU |
| CPU List | 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® H110/Q170 |
| Memory Support | 2 x SO-DIMM sockets, supporting 1866/2133MHz DDR4 up to 32GB |
| BIOS | AMI UEFI BIOS |
| Watchdog | 1~255 seconds watchdog timer selectable |
| Power Supply | DC In 12V (rear I/O, phoenix 3 pins terminal block); ATX 4 pin power connector |
| Power Consumption | +12V: 10.3A (H110 SKU) +12V: 12.2A (Q170 SKU) |
| Dimensions | 170 x 170 mm (6.69" x 6.69") |
| Certifications | CE / FCC |
| O.S. Support | Windows 10 IoT / Windows 8.1 / Windows 8 / Windows 7 (Intel 7th generation CPU is ONLY compatible with Windows 10 IoT) |

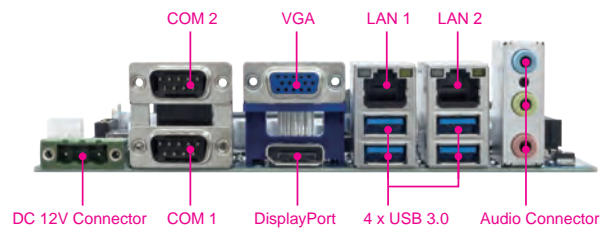
Graphics

| | |
|-------------|--|
| VGA | 1 x VGA up to 1920 x 1200 @60Hz (rear I/O) |
| DisplayPort | 1 x DP up to 4096 x 2304 @60Hz (rear I/O) |
| LVDS | 1 x LVDS, dual channel, resolution range: 800 x 600~1920 x 1200 (internal) |

Environment

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

I/O Panel View



I/O Ports

| | |
|----------------|---|
| SATA Interface | 2 x SATA 3.0 (Only Q170 SKU supports RAID 0/1) |
| Expansion Bus | 1 x PCIe (x16) 1 x M.2 (2242-D2-M) |
| Serial Ports | 2 ports COM 1: RS-232/422/485 (rear I/O) COM 2: RS-232 (rear I/O) COM 1/2 support +5V/+12V/RI jumper selectable |
| Parallel Port | n/a |
| FAN | 1 x CPU fan, 1 x system fan (internal connector) |
| LAN | Dual LAN (2 x RJ45 on rear I/O) LAN 1: Intel® PHY 219LM (GbE) LAN 2: Intel® LAN 211AT (GbE) Supports Wake-On-LAN / PXE |
| Audio | Mic In / Line In / Line Out (rear I/O) |
| USB | 8 ports 4 x USB 3.0 (rear I/O) 4 x USB 2.0 (rear I/O) |