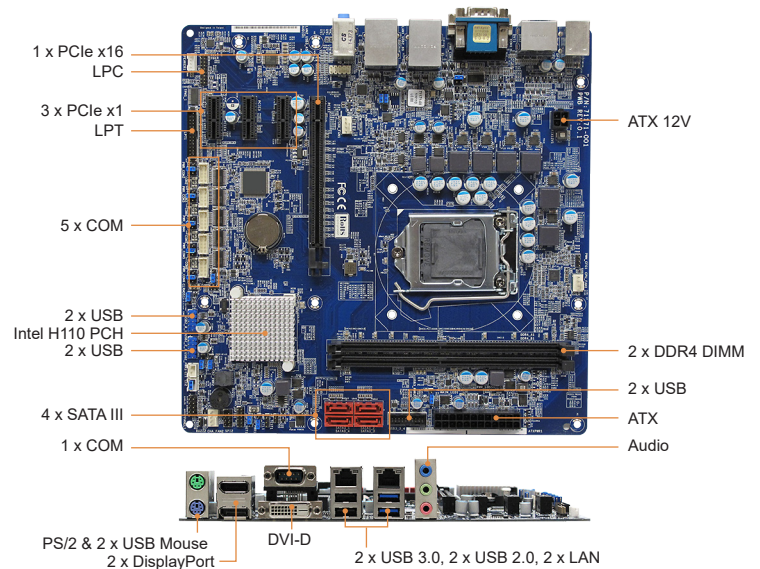


Features

- Intel LGA1151 socket supports 6th/7th generation 14nm Intel Kaby Lake¹ / Skylake Core i7/i5/i3 and Celeron processors
- 6 x COM
- 2 x DP++ and 1 x DVI-D
- 4 x USB 3.0 and 6 x USB 2.0
- 3 x PCIe x1 and 1 x PCIe x16
- 4 x SATA III
- TPM 2.0
- Kaby Lake processors support OS Win 10 and above; support Win 7 with external video cards

Specifications

| System | |
|--------------------|---|
| CPU | Intel LGA1151 socket supports 6th/7th generation 14nm Intel Kaby Lake ¹ / Skylake Core i7/i5/i3 and Celeron processors |
| System Chipset | Intel® H110 PCH Chipset |
| System Memory | Two 288-pin DIMM slots support up to 32 GB Dual Channel DDR4 2133 MHz memory module |
| Audio Codec | Realtek ALC888S HD Audio Codec |
| Ethernet | LAN1: Intel® i219-V Gigabit Ethernet Controller LAN2: Intel® i211-AT Gigabit Ethernet Controller |
| BIOS | AMI® 64Mb SPI BIOS |
| I/O Chip | Nuvoton NCT61060 |
| Expansion | 1 x PCIe x16 3 x PCIe x1 |
| Watchdog Timer | Reset: 1 sec. ~ 255min. and 1sec. or 1min./step |
| H/W Status Monitor | Monitoring System Temperature, Voltage, with Auto Throttling Control |
| TPM | TPM 2.0 |
| Display | |
| Graphics Engine | Intel® Integrated Graphic |
| Interfaces | 2 x DisplayPort (supports DP++), 1 x DVI-D |
| Capability | Supports 2 Independent Displays |
| External I/O | |
| KB/MS | 1 x PS/2 Keyboard & Mouse |
| Audio | Line-in, Line-out, Mic-in |
| USB | 2 x USB 3.0 and 2 x USB 2.0 |
| COM | 1 x RS-232/422/485 |
| LAN | 2 x RJ-45 |
| DVI | 1 x DVI-D |
| DisplayPort | 2 x DisplayPort |
| Internal I/O | |
| USB | 2 x USB 3.0 and 4 x USB 2.0 |
| COM | 5 x RS-232 |
| SATA | 4 x SATA III |
| MIO | 1 x LPT, 1 x LPC, 1 x Front Audio, 1 x Amplifier, 1 x Front Panel, 1 x 8-bit GPIO, 1 x 4 Pin CPU Fan, 1 x 4 Pin Chassis Fan |



Mechanical & Environment

| | |
|--------------------|---|
| Power Type | 1 x 24-pin ATX Connector and 1 x 4-pin ATX 12 Connector |
| Operating Temp | 0 ~ 60°C (32 ~ 140°F) |
| Storage Temp | -20 ~ 80°C (-4 ~ 176°F) |
| Operating Humidity | 0 ~ 90% Relative Humidity, Non-condensing |
| Storage Humidity | 0 ~ 90% Relative Humidity, Non-condensing |
| Form Factor | uATX (Micro ATX) |
| Dimensions | 9.6" (L) x 9.6" (W) |
| Weight | 1.45 lbs |

* All product specifications and images are subject to change without notice. Last update: 2020/12/14