



Features

- Onboard 11th Gen Intel® Core™ i7/i5/i3 processor
- 1x DDR4 SO-DIMM, Max.32GB
- Intel® Processor integrated graphics device, supports DisplayPort and 24-bit Dual-channel LVDS
- 2x Intel® 2.5 Gigabit LAN
- 6x USB3.1, 2x USB2.0, 2x SATA III, 2x COM, 2x M.2
- Watchdog timer, Digital I/O, iAMT (15), TPM (2.0)

Specifications

| | |
|--------------------------|--|
| CPU | 11th Gen Intel® Core™ i7/i5/i3 processors |
| PCH | IB956AF series: Intel® QM580E IB956EF series: Intel® HM570E |
| Memory Types | 1x DDR4 SO-DIMM, Max.32GB |
| BIOS | AMI |
| Watchdog Timer | 256 Levels |
| H/W Monitor | Yes |
| Storage Device Interface | NVMe |
| Mini Type Slots | 1x M.2 (M-Key, type:2280) 1x M.2 (E-Key, type:2230) |
| Graphics Controller | 11th Gen Intel® Core™ H-series processor integrated graphics |
| Video Output | Supports DisplayPort (1.4), and 24-bit Dual-channel LVDS |
| Ethernet | 1st LAN: IB956AF series: Intel® I225-LM IB956EF series: Intel® I225-V 2nd LAN: Intel® I225-V |
| I/O Chipset | Fintek F81804U-I |
| Serial Port | 1x RS232/422/485, 1x RS232 |
| USB 2.0 | 2x USB2.0 via pin header |
| USB 3.0/ 3.1 | QM580E: 6x USB3.1 (GEN2) HM570E: 4x USB3.1 (GEN2), 2x USB3.1(GEN1) |
| Serial ATA | 2x SATA III |
| Audio | 11th Gen Intel® Core™ H-series processor Built-in HD audio controller+Realtek ALC269Q-V3 w/class-D |
| TPM | TPM (2.0) |
| Others | Digital I/O, +12~ +24V DC-in |

| | |
|-----------------------|----------------------------|
| Dimensions (L x W) | 102mm x 147mm (4" x 5.8") |
| Power Consumption | TBD |
| Operating Temperature | 0°C~60°C |
| Storage Temperature | -20°C~80°C |
| Relative Humidity | 95% (non-condensing @60°C) |

Dimensions and Drawing

