



## 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

