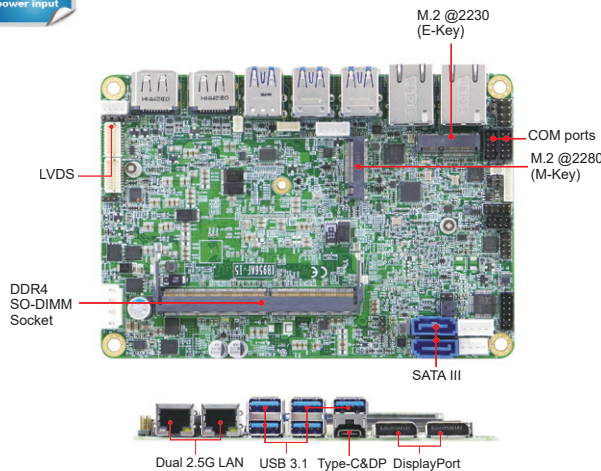
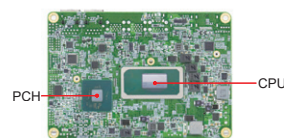




Features

- Onboard 11th Gen Intel® Core™ i7/i5/i3 / Celeron® processor (Tiger Lake H)
- 1x DDR4-3200 SO-DIMM, Max.32GB
- Supports 3x DisplayPort (DP connectors + Type-C connector) and 24-bit dual channel LVDS
- 2x Intel® 2.5 Gigabit LAN
- 6x USB 3.1, 2x USB 2.0, 2x SATA III, 2x COM, 2x M.2
- Watchdog Timer, Digital I/O, iAMT (15), TPM (2.0)



Specifications

CPU	11th Gen Intel® Core™ i7-11850HE 11th Gen Intel® Core™ i5-11500HE 11th Gen Intel® Core™ i3-11100HE
PCH	IB956AF6-i7/i5: Intel® QM580E IB956EF6-i3: Intel® HM570E
Memory	1x DDR4-3200 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, supports NVMe with PCIe(4x)signal only) 1x M.2 (E-Key, type:2230, supports CNVi)
Graphics Controller	11th Gen Intel® Core™ H-series processor integrated graphics
Video Output	3x DisplayPort (1.4) (DP connectors + Type-C connector), and 24-bit dual channel LVDS
Ethernet	1st LAN: IB956AF6-i7/i5: Intel® I226LM IB956EF6-i3: Intel® I226-V 2nd LAN: Intel® I226-V
I/O Chipset	Fintek F81804U-I
Serial Port	1x RS232/422/485, 1x RS232
USB 2.0	2x USB 2.0 via pin header
USB 3.X	QM580E: 6x USB 3.1 (Gen2) HM570E: 4x USB 3.1 (Gen2), 2x USB 3.1 (Gen1)
Serial ATA	2x SATA III
Audio	11th Gen Intel® Core™ H-series processor Built-in HD audio controller + Realtek ALC888S
TPM	TPM (2.0)
Others	Digital I/O, +12V ~ +24V DC-in
Dimensions (L x W)	102mm x 147mm (4" x 5.8")
Power Consumption	Intel® Core™ i7-11850HE 2.6GHz w/ 1x 8GB DDR4-2400 +12V: 5.82A
Operating Temperature	0°C~60°C
Storage Temperature	-20°C~80°C
Relative Humidity	95% (non-condensing @60°C)

Ordering Information

IB956AF6-i7	Onboard Intel® QM580E/ Core™ i7-11850HE, w/ I226LM 2.5GbE LAN + I226V 2.5GbE LAN, 3x DisplayPort (DP+ Type-C) & LVDS (24bit dual-channel), 2x SATA III, 2x COM, 2x M.2 (M2280/ E2230), DC-in (12V~24V), support iAMT 15.0, TPM (2.0), Optional heatsink, w/o cable kit, (RoHS 2)
IB956AF6-i5	Onboard Intel® QM580E/ Core™ i5-11500HE, w/ I226LM 2.5GbE LAN + I226V 2.5GbE LAN, 3x DisplayPort (DP+ Type-C) & LVDS (24bit dual-channel), 2x SATA III, 2x COM, 2x M.2 (M2280/ E2230), DC-in (12V~24V), support iAMT 15.0, TPM (2.0), Optional heatsink, w/o cable kit, (RoHS 2)
IB956EF6-i3	Onboard Intel® HM570E/ Core™ i3-11100HE, w/ 2x I226V 2.5GbE LAN, 3x DisplayPort (DP+ Type-C) & LVDS (24bit dual-channel), 2x SATA III, 2x COM, 2x M.2 (M2280/ E2230), DC-in (12V~24V), TPM (2.0), Optional heatsink, w/o cable kit, (RoHS 2)
HSIB956-A	Heatsink with fan for IB956
HSIB956-1	Heat spreader for IB956
IB92	Cable kit w/ COM, Power, SATA + Power

Dimensions and Drawings

