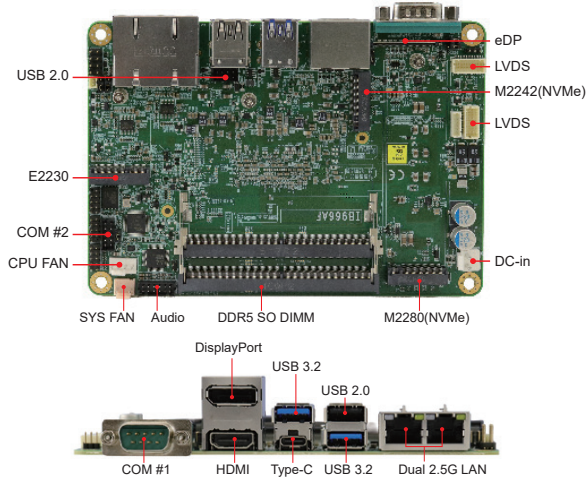
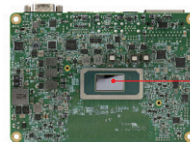




Features

- Intel® Core™ Ultra 300 Series Processor (up to 180 TOPS)
- 2x DDR5 SO-DIMM, Max. 128GB
- Supports HDMI, DisplayPort (DisplayPort connector & Type-C), LVDS and eDP
- 2x 2.5G LAN, 3x USB 3.2 (Type-C & Type-A), 3x USB 2.0, 2x COM
- 3x M.2 slots (M2280 + M2242 + E2230), 12V~24V DC-in
- Digital I/O (4-in/4-out), iAMT, dTPM & Watchdog Timer



IB966 with heatsink

IB966 with Heat spreader

Specifications

CPU	Intel® Core™ Ultra 300 Series Processor
PCH	N/A
Memory	2x DDR5 SO-DIMM, 7200MT/s, Non-ECC, Max. 128GB
BIOS	AMI
Watchdog Timer	256 levels
H/W Monitor	Yes
Storage Device Interface	2x M.2 (M2280 & M2242 for NVMe)
Mini Type Slots	1x M.2 (M2280, supports NVMe only) 1x M.2 (M2242, supports NVMe only) 1x M.2 (E2230, supports CNVi)
Graphics Controller	Intel® Core™ Ultra 300H Processor built-in X3 Graphics
Video Output	HDMI, DisplayPort (DisplayPort connector & Type-C), LVDS and eDP
Ethernet	Intel® I226LM as 1st LAN, I226V as 2nd LAN
I/O Chipset	Fintek F81804U-I on board
Serial Port	2x RS232/422/485
USB 2.0	3x USB 2.0 (1x Type-A; 2x via pin headers)
USB 3.X	1x USB 3.2 (Type-C), 2x USB 3.2 (Type-A)
Serial ATA	N/A
Audio	Intel® Core™ Ultra processor built-in HD audio + ALC888S codec
TPM	dTPM
Others	Digital I/O (4-in/4-out), iAMT; +12V~+24V DC-in
Dimensions (L x W)	102mm x 147mm (4" x 5.8")
Power Consumption	TBD
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10% ~ 90% (non-condensing)

Ordering Information

IB966AF-358H	Intel® Core™ Ultra X7 358H SoC, onboard 3.5" SBC, w/ dual 2.5Gb, HDMI + 2x DisplayPort (DisplayPort connector & Type-C), LVDS & eDP, 2x COM, 3x M.2, supports iAMT & dTPM, DC-in (12V~24V), Optional heatsink
IB966AF-356H	Intel® Core™ Ultra 7 356H SoC, onboard 3.5" SBC, w/ dual 2.5Gb, HDMI + 2x DisplayPort (DisplayPort connector & Type-C), LVDS & eDP, 2x COM, 3x M.2, supports iAMT & dTPM, DC-in (12V~24V), Optional heatsink
IB966AF-355	Intel® Core™ Ultra 7 355 SoC, onboard 3.5" SBC, w/ dual 2.5Gb, HDMI + 2x DisplayPort (DisplayPort connector & Type-C), LVDS & eDP, 2x COM, 3x M.2, supports iAMT & dTPM, DC-in (12V~24V), Optional heatsink
HSIB966-B	Heatsink with fan for IB966
HSIB962-2	Heat Spreader for IB966
IB76A-3	Cable Kit w/ USB, COM & Power

Dimensions and Drawings

