



Rear I/O

Specifications

System Mainboard	IB962AF-165H/ IB962AF-135H
CPU Type	Intel® Core™ Ultra 100H Series Mobile Processors
System Speed	Up to 5.0GHz
Memory	2x DDR5-5600 SO-DIMM, Max. 96GB
Front Panel External I/O	3x USB 3.2 1x USB 2.0 2x USB 2.0 ports via cable 1x DisplayPort 1x HDMI 1x DB9 for COM#1 (RS232/422/485) 2x 2.5G LAN 2x Antenna holes for WiFi 1x DB9 port (reserved)
Rear Panel External I/O	1x Power button 1x Digital I/O (4-in/4-out) 2x Antenna holes for WiFi 1x HDD LED 1x Power LED 1x 3-pin DC-in terminal block for 24V power adaptor
Expansion Slots	3x M.2 sockets (B-key/ E-key and M-key)
Storage	1x M.2 (M2280), supports NVMe 1x 2.5" HDD or SSD
Construction	Aluminum & steel 1x System fan
Chassis Color	Black
Mounting Type	Desktop & wall mount bracket Optional VESA mount kit
Dimensions	180mm (W) x 150mm (D) x 72mm (H) 7.08" (W) x 5.9" (D) x 2.83" (H)
Weight	1.6 kg
Operating Temperature	-10°C ~ 50°C (14°F~122°F) *with airflow 0.9m/s
Storage Temperature	-20°C ~ +80°C (-4°F~176°F)
Relative Humidity	5% ~ 90% @ 45°C (non-condensing)
Vibration	Operating: 1Grms / 3~500Hz
Shock	Operating : 20G / 11ms Non-operating : 40G / 11ms
Certification	CE/LVD/FCC Class B

Features

- Onboard Intel® Core™ Ultra 100H Series Processor (TDP@28W)
- Multiple M.2 sockets (B-key/ E-key and M-key)
- 2x DDR5-5600 SO-DIMM, Max. 96GB
- Dual 2.5G LAN, 3x USB 3.2, 3x USB 2.0, 1x COM
- Support 2.5" SSD & M.2 NVMe storage devices
- Supports HDMI & DP, External GPIO, TPM(2.0)
- Optional VESA mount bracket

Ordering Information

ASB210-962H-7M	Chassis with IB962AF-165H, Intel® Core™ Ultra7 CPU (TDP@28W), w/ system fan, 1x COM, 2x DDR5 memory slot, desktop stand & mounting bracket, w/o memory / power adaptor and VESA mount bracket
ASB210-962H-5M	Chassis with IB962AF-135H, Intel® Core™ Ultra5 CPU (TDP@28W), w/ system fan, 1x COM, 2x DDR5 memory slot, desktop stand & mounting bracket, w/o memory / power adaptor and VESA mount bracket
180W power adaptor (optional)	180W (24V@7.5A) power adaptor, bare wire-type compatible with IEC62368-1/EN62368-1 [PN: A005PS180W0100800P]
Optional Accessories	VESA mount kit [PN: SC2ASB2----0A1200R] Wifi antenna kit [PN: A024MDWIFI0042400P (Intel® 9260) + SC2WIFI----A10M00R (Wifi kit)]

Recommended Processor List

Processor Number	Intel® Core™ Ultra 100 Series Processors – Intel® MTL U/H Platform	
	Intel® Core™ Ultra 7	Intel® Core™ Ultra 5
	165H	135H
Base Freq (GHz)	1.4	1.7
Intel® Turbo Boost Technology 2.0 (GHz)	5.0	4.6
Last Level Cache	24MB	18MB
Cores/Threads	16/22	14/18
Memory Speed (DDR5)	5600	5600
TDP	28W	28W

Dimensions and Drawing

