

ASB210-966 SBC System

Compact System with IB966 3.5" Single Board Computer



Features

- Onboard Intel® Core™ Ultra 300H Series Processor
- 2x DDR5-7200 cSO-DIMM, Max. 128GB
- Multiple M.2 sockets (1x E-key and 2x M-key)
- 2x 2.5G LAN, 2x USB 3.2, 3x USB 2.0
- 1xHDMI, 1x DisplayPort and 1x Type-C (DP+USB)
- 1x COM port, TPM(2.0)
- 24V(+10%) DC-in power input

Preliminary



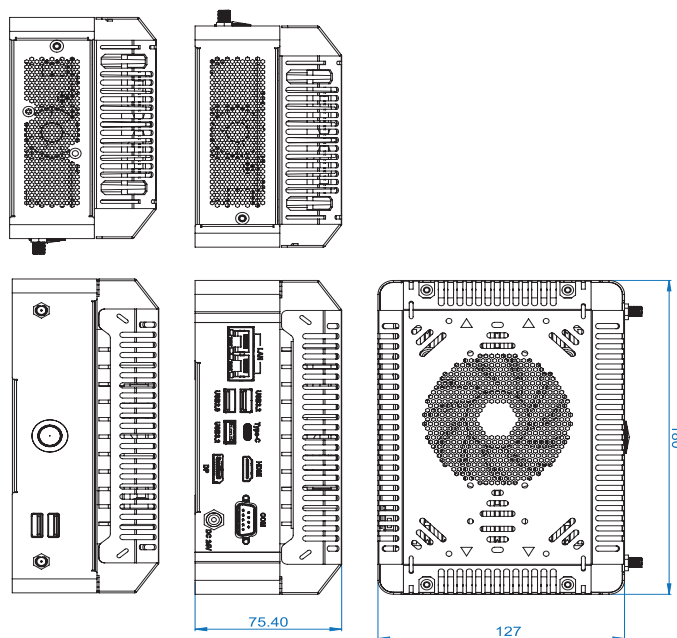
Specifications

System Mainboard	IB966AF-358H/ IB966AF-356H/ IB966AF-355
CPU Type	Intel® Core™ Ultra 7 356H Processor
System Speed	Up to 4.8GHz
Memory	2x DDR5-7200 cSO-DIMM, Max.128GB
Front Panel External I/O	2x Antenna holes 2x USB 2.0 1x power button
Rear Panel External I/O	2x 2.5G LAN 2x USB 3.2 port 1x USB 2.0 port 1x Type-C(DP+USB) 1x HDMI 1x DisplayPort 1x DB9 for COM (RS232/422/485) 1x DC-input connector(+ 24V only)
Expansion Slots	3x M.2 sockets (1x E-key and 2x M-key supports NVMe)
Storage	1x M.2 M-key 2280, 1x M.2 M-key 2242
Construction	SGCC
Chassis Color	Black
Mounting Type	Desktop or wall mount (wall mount kit included) Optional VESA mount kit
Dimensions	180mm(W) x 127mm(D) x 75.5mm(H) 7.08"(W) x 5"(D) x 2.97"(H)
Weight	1.6 kg
Operating Temperature	0°C~+50°C (32°F~122°F) [with airflow]
Storage Temperature	-20°C ~80°C (-4°F~176°F)
Relative Humidity	5%~90%@45°C (non-condensing)
Vibration	Operating: 3Grms / 5~500Hz
Shock	Operating : 20G / 11ms Non-operating : 40G / 11ms
Certification	CE/LVD/FCC Class-B

Ordering Information

ASB210-966M-358H	Barebone system with IB966AF-358H, onboard Intel® Core Ultra X7 358H CPU, 2x DDR5 SO-DIMM memory slot, desktop stand & mounting bracket, without Memory module / SSD/ Power adaptor
ASB210-966M-356H	Barebone system with IB966AF-356H, onboard Intel® Core Ultra 7 356H CPU, 2x DDR5 SO-DIMM memory slot, desktop stand & mounting bracket, without Memory module / SSD/ Power adaptor
ASB210-966M-355	Barebone system with IB966AF-355, onboard Intel® Core Ultra 7 355 CPU, 2x DDR5 SO-DIMM memory slot, desktop stand & mounting bracket, without Memory module / SSD/ Power adaptor
Optional 180W power adaptor	180W (24V@7.5A) power adaptor, compatible with IEC62368-1/EN62368-1 [PN: A005PS180W0100810P]

Dimensions and Drawing



Remarks: 1. Specifications are subject to change without prior notice
2. ODM/OEM is available. 3. For user manual & datasheet download, visit www.ibt.ca