



Rear I/O

Specifications

System Mainboard	IB953AF-i7/ IB953AF-i5/ IB953EF-i3
CPU Type	Intel® Core™ i7-1185G7E Processor Intel® Core™ i5-1145G7E Processor Intel® Core™ i3-1115G4E Processor
System Speed	Up to 4.4GHz
Memory	2x DDR4-3200 SO-DIMM, Max. 64GB
Front Panel External I/O	3x USB 3.1 1x USB 2.0 2x DisplayPort 1x DB9 for COM#1 (RS232/422/485) 2x Gigabit LAN
Rear Panel External I/O	1x Power button 1x Digital I/O (4-in/4-out) 2x Antenna holes 1x HDD LED 1x 3-pin DC-in terminal block for 12V (-10%) ~ 24V (+10%)
Expansion Slots	2x M.2 sockets (B-Key/ E-Key)
Storage	1x M.2 M-key 2280, Supports NVMe, PCI-E(4x) only
Construction	Aluminum & steel 1x System fan
Chassis Color	Black
Mounting Type	Desktop or wall mount (wall mount kit included) 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	1.5kg
Operating Temperature	0°C~45°C (32°F~113°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

- Slim System with 3.5" Single Board IB953 Computer (TDP-up to 28W)
- Onboard 11th Gen Intel® Core™ U-Series Processor
- Supports 3x M.2 sockets (B-Key/E-Key and M-Key)
- 12V (-10%) ~ 24V (+10%) DC-in power input
- 2x DDR4-3200 SO-DIMM, Max. 64GB
- 3x USB 3.1, 1x USB 2.0, 2x Intel® GbE, 1x COM
- External GPIO, 2x DisplayPort, TPM (2.0)
- Optional VESA mount bracket



Ordering Information

ASB210-953-i7M	Chassis with IB953AF-i7, Intel® i7-1185G7E CPU (TDP-up to 28W), w/ system fan, 1x COM, 2x DDR4 memory slot, 1x 2.5" SSD slot, desktop stand & mounting bracket, w/o memory/ SSD/ 90W power adaptor and VESA mount bracket
ASB210-953-i5M	Chassis with IB953AF-i5, Intel® i5-1145G7E CPU (TDP-up to 28W), w/ system fan, 1x COM, 2x DDR4 memory slot, 1x 2.5" SSD slot, desktop stand & mounting bracket, w/o memory/ SSD/ 90W power adaptor and VESA mount bracket
ASB210-953-i3M	Chassis with IB953EF-i3, Intel® i3-1115G4E CPU (TDP-up to 28W), w/ system fan, 1x COM, 2x DDR4 memory slot, 1x 2.5" SSD slot, desktop stand & mounting bracket, w/o memory/ SSD/ 90W power adaptor and VESA mount bracket
PS-90W24V (optional)	90W (24V@3.75A) power adaptor, bare wire type compatible with IEC62368-1/EN62368-1
Optional Accessories	VESA mount kit [PN: SC2ASB2----0A1200R] WiFi antenna kit [PN: A024MDWiFi0042400P (Intel® 9260) + SC2WiFi----A10M00R (WiFi Kit)]
Add-on AI Hailo-8	Hailo-8™ AI accelerator module up to 26 Tera-Operations Per Second

Dimensions and Drawing

