



Features

- Slim system with IBASE IB838 3.5" Single Board Computer
- Onboard Intel® N-series Processor
- Supports 2x M.2 sockets (B-key/E-key)
- 9V ~ 36V DC Wide-Range power input
- 1x DDR5 SO-DIMM, Max.16 GB
- 3x USB 3.2 + 1x USB Type-C, 2x Intel® 2.5G LAN
- 2x DisplayPort, External Digital I/O, fTPM
- Wall mount kit included

Specifications

System Mainboard	IB838F
CPU Type	Intel® N-Series
System Speed	Up to 1.25GHz
Memory	1x DDR5-4800 SO-DIMM, Max.16GB
Front Panel External I/O	1x power button 1x Digital I/O (4-in/4-out) 2x USB 2.0 1x HDD LED 1x 3-pin DC-in terminal block for 12V (-10%) ~ 24V (+10%)
Rear Panel External I/O	3x USB 3.2 1x USB Type-C 1x DisplayPort 1x DB9 for COM#1 1x DB9 for COM#2 2x 2.5G LAN
Expansion Slots	2x M.2 sockets (B-key/ E-key)
Storage	1x 2.5" HDD or SSD
Construction	Aluminum & steel
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	TBD
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: 3Grms / 5~500Hz
Shock	Operating : 20G / 11ms Non-operating : 40G / 11ms
Certification	CE/LVD/FCC Class B

Ordering Information

ASB200-838-i3M	Fanless chassis with IB838-i3 w/ Intel® Atom i3-N305, 4x COM, 1x DDR5 memory slot, 1x 2.5" SSD slot, desktop stand & mounting bracket, w/o memory/ SSD/ 90W power adaptor and VESA mount bracket
60W power adaptor (optional)	60W (12V@5A) power adaptor (bare wire type) Compatible with IEC62368-1/EN62368-1

Dimensions and Drawing

