



Features

- Intel® Atom® x7-E3950/x5-E3940/x5-E3930 & Pentium® N4200 / Celeron® N3350 Series Processors
- GPIO 4-in & 4-out with isolation function
- Over/Under/Reverse voltage protection
- **Wide-range operating temperature from -40°C to 70°C**
- 9V~36V DC wide-range power input
- Supports DIN-rail mount & wall mount
- Supports TPM2.0
- AGS102T: 4x RS232/422/485 serial ports
AGS102: 2x RS232/422/485 and 2x RS232 serial ports
- Rugged and fanless design

Specifications

System Mainboard	IB802T (F-1 Stepping)
CPU Type	Intel® Atom® x7-E3950/x5-E3940/x5-E3930 & Pentium® N4200/ Celeron® N3350 Series Processors
System Speed	Up to 2.5GHz
Memory	1x 4GB DDR3L-1866 SO-DIMM, Max. 8GB
Rear Panel External I/O	1x DVI-I + 1x DisplayPort connector 4x USB 3.0 ports, 1x USB 2.0 port 2x RJ45 Gigabit Ethernet port 3x LED indicators (HDD, WLAN, WWAN) 1x Black power button with Blue LED 1x 3-pin DC-in terminal block for 9V-36V 1x Antenna hole for WLAN module 2x RS232/422/485 ports for COM#3/COM#4 1x 4-in & 4-out GPIO with isolation
Left Panel External I/O	2x RS232/422/485 ports for COM#1/COM#2 1x Antenna hole for WLAN module 1x Line-out
Right Panel External I/O	1x SIM card slot
Expansion Slots	1x Full-size Mini PCIe socket (USB 2.0 + PCIe + SATA) 1x 2230 M.2 E-key socket for WLAN & BT (USB 2.0 + PCIe) 1x 3042 M.2 B-key socket for WWAN & SSD (USB 2.0 + SATA)
Storage	1x mSATA socket (Mini-Pcie) 1x 2242 M.2 B-key socket for SSD
Construction	Aluminum & steel
Chassis Color	Silver & Gray
Mounting	DIN-rail mounting (DIN-rail mount kit included) Desktop or wall mount (wall mount kit included)
Dimensions	160mm (W) x 110mm (D) x 44mm (H) 6.3" (W) x 4.33" (D) x 1.73" (H)
Weight	1 kg
Operating Temperature	For E-series CPU: -40°C~70°C (-40°F~158°F) For N-series CPU: -20°C~60°C (-4°F~140°F)
Storage Temperature	-40°C ~ 85°C (-40°F~185°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	Operating: 2.0 grms / 5~500Hz / random operation (with IEC 60068-2-64) Non-Operating: 3.0 grms / 5~500Hz / random operation (with IEC 60068-2-64)
Shock	Operating: 30G/11 ms Duration (with MIL-STD-810G) Non-operating: 40G/11 ms Duration (with MIL-STD-810G)
Certification	CE / LVD / FCC Class A

Ordering Information

AGS102T-I50M	Fanless DIN-rail System supports TPM2.0 w/ Intel® Atom® Processor x7-E3950, 4x COM, w/o power adaptor, memory, storage
AGS102T-I40M	Fanless DIN-rail System supports TPM2.0 w/ Intel® Atom® Processor x5-E3940, 4x COM, w/o power adaptor, memory, storage
AGS102T-I30M	Fanless DIN-rail System supports TPM2.0 w/ Intel® Atom® Processor x5-E3930, 4x COM, w/o power adaptor, memory, storage
AGS102T-420M	Fanless DIN-rail System supports TPM2.0 w/ Intel® Pentium® Processor N4200, 4x COM, w/o power adaptor, memory, storage
AGS102T-335M	Fanless DIN-rail System supports TPM2.0 w/ Intel® Celeron® Processor N3350, 4x COM, w/o power adaptor, memory, storage
60W power adaptor (optional)	60W (12V@5A) power adaptor, bare wire type Compatible with IEC62368-1/EN62368-1
Optional Accessories	WiFi/BT antenna kit, 4G/LTE antenna kit, GPS antenna kit

Dimensions and Drawing

