



Features

- Palm-Sized Fanless System with PI800 PICO ITX board (TDP 9W)
- Onboard Intel® Atom™ x7433RE Processor
- Supports 2x M.2 sockets (E2230 and M2242)
- 1x DDR5 SO-DIMM, Max. 16GB
- 4x USB 3.2, 2x 2.5 GbE, 2x COM (RS232/422/485)
- Supports HDMI, DisplayPort
- 12V DC-in power input
- Supports Wall mount, TPM (2.0)



Specifications

System Mainboard	PICO-ITX PI800F-7433RE
CPU Type	Intel® Atom® x7433RE Processor
System Speed	Up to 3.4GHz
Memory	1x DDR5-4800 SO-DIMM, Max. 16GB
Front Panel External I/O	4x USB 3.2 1x HDMI 1x DisplayPort 2x 2.5 GbE
Rear Panel External I/O	1x DC-jack 2x Antenna holes 2x COM ports (RS232/422/485) 2x LED indicators (storage / power) 1x Reset Button 1x ON/OFF Button
Expansion Slots	1x M.2 2230 (E-key) supports WiFi/ BT 1x M.2 2242 (M-key) supports PCIe(1x)/SATA SSD
Storage	1x M.2 M-key 2242
Construction	Aluminum & steel
Chassis Color	Silver & Gray
Mounting Type	Wall mount or Desk mount
Dimensions	133mm (W) x 102.2mm (D) x 51.5mm (H) 5.24" (W) x 4.02" (D) x 2.03" (H)
Weight	1.0 kg
Operating Temperature	-20°C~50°C (-4°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

Ordering Information

ASB100-PI800M	Fanless box PC with PI800-7433RE, Onboard Intel® Atom® x7433RE CPU, 2x COM & 4 x USB 3.2, w/o memory/ SSD, Optional power adaptor w/ mounting bracket
50W power adaptor (optional)	50W (12V@4.16A) power adaptor, compatible with IEC62368-1/EN62368-1

Dimensions and Drawing

