



Features

- Fanless system with IBASE MBE240 proprietary board
- 14th/13th Gen Intel® Core™ i9/i7/i5/i3 Desktop Processors (35W TDP)
- Dual SIM slots support WWAN redundancy (5G/4G/LTE)
- 4x RJ45 Ethernet ports (2x 2.5GbE ports + 2x PoE+ ports support 802.3at)
- 3x M.2 (B-key/E-key/M-key), iAMT (16.1), TPM (2.0)
- Single 24V DC input, supports over/under/reverse voltage protection
- Supports wide-range operating temperature from -20°C to 70°C

Specifications

System Mainboard	MBE240AF with Intel® Q670E PCH
CPU Type	14th/13th Gen Intel® Core™ i9/i7/i5/i3 Desktop Processors
System Speed	Up to 5.0GHz
Memory	2x DDR5-4800/5600 SO-DIMM, Max. 64GB
Front Panel External I/O	2x HDMI(2.0b) 1x Audio jack for Mic-in / Line-out 4x USB3.2 ports 2x Antenna holes 2x RJ45 2.5GbE ports + Dual USB 3.2 stack ports 1x RED LED for 2.5" storage device 1x power button with Green LED indicator 1x 2-pin terminal block 2x SIM card
Rear Panel External I/O	2x RS232/422/485 port for COM#1~COM#2 2x RS232 ports for COM#3~COM#4 2x DisplayPort (1.2) 2x RJ45 Gigabit Ethernet port (supports 802.3at,PoE+) 1x 5-pin DC-in terminal block type for 24V 2x Antenna holes
Expansion Slots	1x M.2 (E-key) for WiFi / BT 1x M.2 (B-key) for 5G/4G/LTE (Supports Sierra 5G module)
Storage	1x 2.5 HDD/SSD 1x M.2 (M-key) *Supports NVMe SSD
Construction	Aluminum & steel
Chassis Color	Silver + Gray (Aluminum)
Mounting	Desktop & wall mount
Dimensions	210mm(W) x 285mm(D) x 77mm(H) 8.27" (W) x 11.22" (D) x 3.03" (H)
Weight	4.1 kg
Operating Temperature	-20°C ~ 70°C (-4°F~158°F) (for 35W CPU)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	5% ~ 90%@45°C (non-condensing)
Vibration	Operating : 0.25Grms / 5~500Hz Non-operating : 1Grms / 5~500Hz
Shock	Operating : 20G / 11ms Non-operating : 40G / 11ms
Certification	CE *follow EN55032* FCC Class A / LVD

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

Ordering Information

AMI240AFM	(AMI) Aluminum Chassis with MBE240AF (Q670E PCH), Fanless Design , w/o CPU /memory/Storage, Supporting 4x COM, iAMT16.1, mounting brackets,(RoHS2)
270W Power Adaptor Kit (optional)	270W (24V@11.25A) power adaptor kit compatible with IEC62368-1/ EN62368-1

Dimensions and Drawing

