



Rear I/O

Features

- Fanless system with IBASE MB210 customized board
- 4th Gen Intel® Core™ i7/i5/i3 Processors
- Supports three independent display outputs
- 1x Isolated RS422/485 port (1kv surge protection)
- 12V(-10%) ~ 24V(+10%) DC wide-range voltage input
- Over/Under/Reverse voltage protection
- iSMART, iAMT (9.0)

Specifications

System Mainboard	MB210AF with Intel® Q87 PCH MB210EF with Intel® H81 PCH
CPU Type	4th Gen Intel® Core™ i7/i5/i3 desktop Processors
System Speed	Up to 3.1GHz
Memory	2x 2GB DDR3-1600 SO-DIMM, Max. 16GB
Construction	Aluminum & steel
Chassis Color	Sliver (aluminum)
Front Panel External I/O	1x DVI-D + 1x VGA 1x Audio jack for MIC-in / Line-out 2x USB 3.0 ports (AMI210AF only) 2x USB 2.0 ports (AMI210EF only) 1x Red HDD LED 1x Power button with green LED indicator 1x CFast socket 1x 2-pin terminal block for external power button
Rear Panel External I/O	1x RS422/485 port with isolation protection for COM#1 1x RS232 port for COM#2 2x RS232 port for COM#3/COM#4 1x DisplayPort + HDMI connector 1x RJ45 Gigabit Ethernet port + 2x USB 3.0 ports 1x RJ45 Gigabit Ethernet port + 2x USB 2.0 ports 1x 3-pin DC-in terminal block for 12V(-10%) ~ 24V(+10%) 2x Antenna holes
Expansion Slots	2x Mini PCI-E sockets + 1x CFast slot
Storage	1x 2.5" HDD/SSD + 1x mSATA
Mounting	Desktop or wall mount (wall mount kit included)
Dimensions	210mm (W) x 265mm (D) x 71mm (H) 8.27" (W) x 10.43" (D) x 2.79" (H)
Weight	3.6kg
Operating Temperature	-10°C to 45°C (14°F~113°F) (for 45W CPU) -10°C to 50°C (14°F~122°F) (for 35W CPU)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	Non-Operating: 1.0 grms / 5~500Hz / random operation Operating: 0.25 grms / 5~500Hz / random operation
Shock	Operating : 20G/ 11ms; Non- Operating : 40G/ 11ms (MIL-STD-810G)
Certification	CE / LVD / FCC Class B

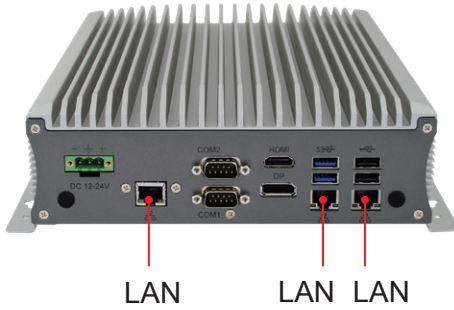
Ordering Information

AMI210AF	Fanless box system with MB210AF, w/ Intel® Core™ i7/i5/i3 desktop Processor, 4x COM, 2x 2GB memory, 1x 2.5" 64GB MLC industrial-grade SSD, w/o power adaptor
AMI210EF	Fanless box system with MB210EF, w/ Intel® Core™ i7/i5/i3 desktop Processor, 4x COM, 2x 2GB memory, 1x 2.5" 64GB MLC industrial-grade SSD, w/o power adaptor
AMI210AF-3L (MOQ)	Fanless box system with MB210AF, w/ Intel® Core™ i7/i5/i3 desktop Processor, 3x LAN, 2x COM, 2x 2GB memory, 1x 2.5" 64GB MLC industrial-grade SSD, w/o power adaptor
150W power adaptor (optional)	150W (12V(±10%)@12.5A) power adaptor, bare wire type

Recommended Processor list

Model	TDP	Base Freq	Turbo Freq	Cache	Platform
i7-4770TE	45W	2.3 GHz	3.3 GHz	8M	Haswell
i5-4570TE	35W	2.7 GHz	3.3 GHz	4M	Haswell
i5-4590T	35W	2.0 GHz	3.0GHz	6M	Haswell Refresh
i3-4350T	35W	3.1 GHz	N/A	4M	Haswell Refresh
i3-4330TE	35W	2.4 GHz	N/A	4M	Haswell
G3320TE	35W	2.3 GHz	N/A	3M	Haswell
G1820TE	35W	2.2 GHz	N/A	2M	Haswell

AMI210AF-3L



Flexible SSD Replacement



Dimensions and Drawing

