



## Specifications

System Mainboard	MI981AF
CPU Type	Intel® Core™ i3/i5/i7/ Pentium®/ Celeron® processors
System Speed	Up to 3.9GHz
Memory	2x DDR3/DDR3 DIMM. Max. 16GB (Non-ECC)
Construction	SECC
Chassis Color	Black
Front Panel External I/O	6x COM ports (COM1: RS-232/422/485) (COM2~COM6: RS-232) 6x USB 3.0 2x RJ45 (Gigabit LAN) 1x VGA, 1x DVI-D, 1x DP Line-In, Line-Out, Mic-In 4x Digital Input + 4x Digital Output 1x AC power inlet
Rear Panel External I/O	1x Power LED 1x HDD LED 1x Power On/Off button, 1x Reset button 2x USB 2.0
Storage	1x mSATA, 2x 2.5" SATA Drive Bay
Power Supply	Industrial 250W ATX power supply (80-plus) 100V~240V Input Voltage 50Hz~60Hz Input frequency
Mounting	Desktop or wall mount
Dimensions	300mm(W) x 250mm(D) x 72mm(H) 11.81" (W) x 9.84" (D) x 2.83" (H)
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F) (with HDD) -10°C ~ 50°C (14°F ~ 122°F) (with SSD)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	10% ~ 90% (Non-condensing)
Vibration	1G / 5 ~ 500Hz
Certification	CE / LVD / FCC Class B

## Features

- Supports 4th Gen Intel® Core™ i3/i5/i7/ Pentium®/ Celeron® processors, Up to 4.0GHz
- Dual-channel memory, up to 16GB DDR3
- Supports VGA, DVI-D & DisplayPort
- Rich & versatile I/Os
- Removable 2.5" storage (supports RAID 0/1)
- Supports 1x Mini PCI-E, 1x mSATA, 1x PCI-E expansion slot
- Supports Intel iAMT(9.1) and TPM(1.2)
- Long term supply & support

## Ordering Information

CMI221-981	Industrial Embedded Controller with Intel® i5-4570S CPU (6MB up to 3.96GHz), 2x 2GB DDR3 SO-DIMM, 2x 2.5" 500GB HDD, Riser Card and 250W power supply
CMI221-981M	Barebone Industrial Embedded Controller + IP119 without CPU/RAM/HDD, Riser Card and 250W power supply

## Dimensions and Drawing

