



Rear I/O

## Specifications

System Mainboard	MI991AF
CPU Type	6th Gen Intel® Core™ i7/i5/i3 / Pentium® / Celeron® desktop processors
PCH	Intel® Q170
System Speed	i7-6700 (3.4GHz ~4.0 GHz)
Memory	2x 8G DDR4-2400 SO-DIMM, Max.32GB
Front-side Panel I/O	N/A
Rear-side Panel I/O	1x 2-pin DC input for 24V(±10%) 1x 2-pin DC output for 12V(±10%) 1x Power on/off button 1x reset button 1x Power LED, 1x HDD LED 1x DB9 (for GPIO 4-in & 4-out) 3x RS232 for COM#2~4 (2-ports thru pin header) 1x RS232/422/485 for COM#1 6x USB 3.0, 2x USB2.0 2x system fans 2x RJ45, 1x Audio port for Line-in/Line-out/Mic-in 1x SPK Out (6W output) thru ID107 (optional) 1x DVI-D, 1x HDMI, 1x DisplayPort
Storage Interface	2x 2.5" SATA HDD or SSD
Expansion Slots	1x PCI-E (x16) expansion slot Add-on card dimensions: up to 106mm x 200mm
Power Supply	Industrial 250W DC switching power supply Input Voltage: Direct 24V(±10%) DC, 18A
Construction	SECC
Chassis Color	Black
Mounting Type	Wall mount & Desktop
Dimensions	345mm (W) x 240mm (D) x 100mm (H) 13.5" (W) x 9.44" (D) x 3.93" (H)
Weight	4.4 kg
Operating Temperature	0°C~45°C (32°F~113°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	5% ~ 90% @45C (non-condensing)

## Features

- 6th Gen Intel® Core™ i7/i5/i3 / Pentium® / Celeron® DT Processors
- Dual-channel memory, up to 32GB DDR4
- 4x DB9, 1x GPIO
- Supports DVI-D, HDMI and DisplayPort
- Removable 2.5" storage (supports RAID 0/1)
- Supports Intel® iAMT(11.0) and TPM(1.2)

Vibration	Non-Operating : 1.0 grms / 5~500Hz / random Operating : 0.25 grms / 5~500Hz / random
Certification	CE / LVD / FCC Class-B (Pre-scan only)

## Ordering Information

CMI202-991M	Chassis with MI991AF + IP118 riser card, w/o CPU, HDD, memory, w/ 250W PSU, 2.5" HDD holder, 1x PCI-E(x16) expansion slots (RoHS22)
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## Dimensions and Drawing

