

# CMI212 System Family

Mini-ITX Standard System

Expandable System with IBASE Mini-ITX Motherboard

CMI212-998 / CMI212-991 / CMI212-990 / CMI212-981 / CMI212-980



Rear I/O (Based on MI998 & MI991 & MI990 I/O)



Rear I/O (Based on MI981 I/O)



Rear I/O (Based on MI980 I/O)

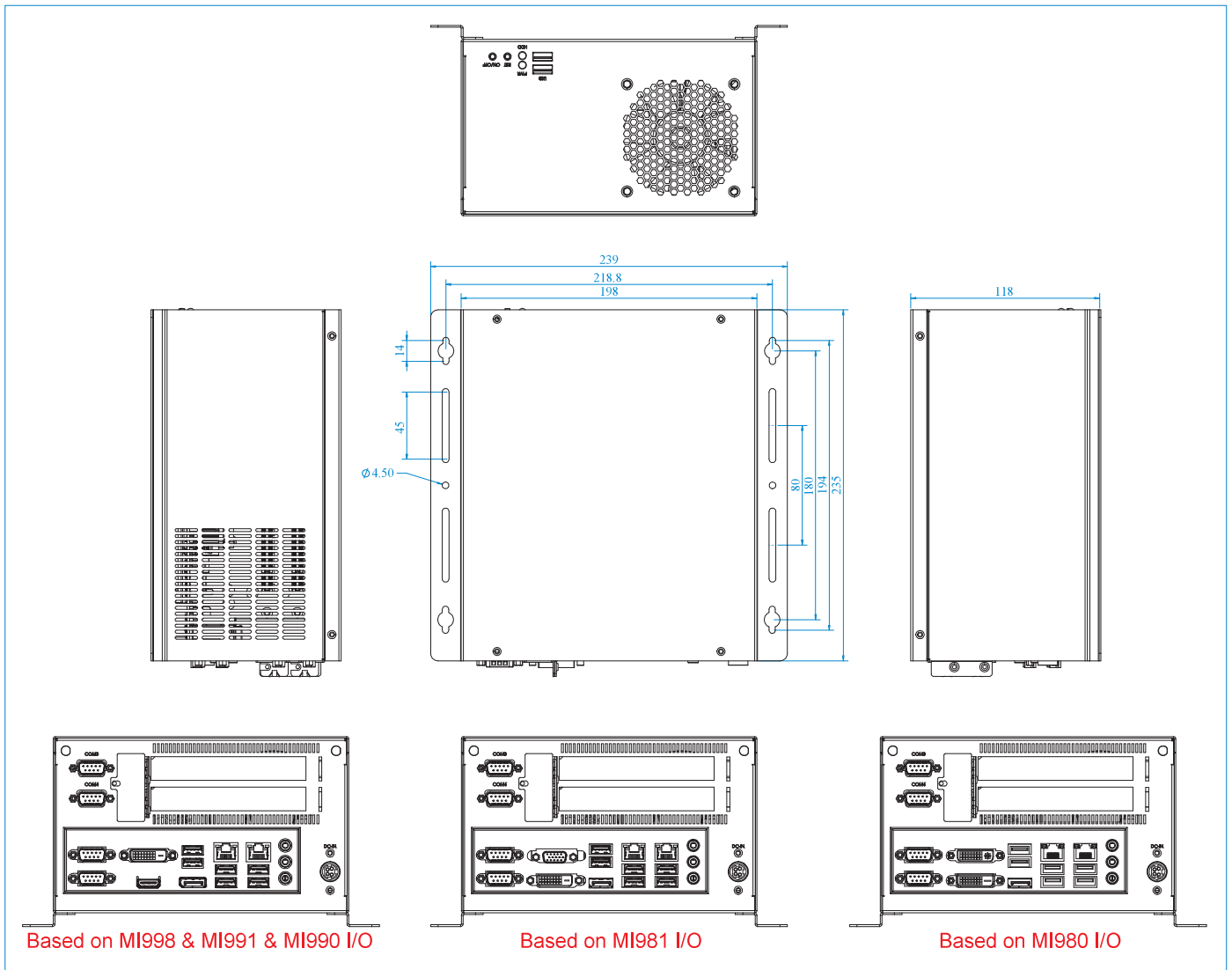
## Specifications

Model		CMI212-998	CMI212-991	CMI212-990	CMI212-981	CMI212-980
System	Processor	9th/8th Gen. Intel® Core™ / Pentium® / Celeron® processors	6th Gen. Intel® Core™ i7/ i5/i3/ Pentium® / Celeron® DT processors	6th Gen. Intel® Core™ i7/ i5/i3/ Pentium® / Celeron® MB processors	4th Gen. Intel® Core™ i7/ i5/i3/ Pentium® / Celeron® DT processors	4th Gen. Intel® Core™ i7/i5/ i3/ Celeron® MB processors
	PCH	Intel® Q370 PCH (MI998AF)	Intel® Q170(MI991AF)	Intel® CM236 (MI990VF) Intel® HM170 (MI990EF)*	Intel® Q87 PCH	Intel® QM87 (MI980VF) Intel® HM86 (MI980F)*
	Memory	1x DDR4-2400 SO-DIMM	2x DDR4-2133 SO-DIMM	2x DDR4-2133 SO-DIMM	2x DDR3L-1600 SO-DIMM	2x DDR3L-1600 SO-DIMM
I/O Interface	Front-side Panel I/O	1x Power LED, 1x HDD LED 1x Power button, 1x reset button 2x USB 2.0 ports				
	Rear side Panel I/O	2x RS232 ports via pin header 2x Antenna hole 1x DC-jack for power input Based on different motherboard I/O ports				
Storage Interface	SATA / M.2	1x M.2 (M-KEY)	1x 2.5" HDD drive bay			
	mSATA	N/A	1x mSATA	1x mSATA	1x mSATA	1x mSATA
Others	M.2	1x M.2 (E-KEY)	N/A			
Expansion Slots	PCI-E Expansion	2x PCI-E (x16) expansion slots (2x PCI-E (x8) signal)				
	Add-on Card Max. Size	111mm(W) x 185mm(D) x 17mm(H) (For MI990/MI980) 111mm(W) x 185mm(D) x 11mm(H) (For MI991/MI981)				
Power	ATX Power	FSP 150W power adaptor Input voltage: 100V~240V Input frequency: 47Hz~63Hz Output voltage: 12V Output current: 0A to 12.5A				
Mechanical	Dimensions	198m (W) x 235mm (D) x 118mm (H) 7.8" (W) x 9.25" (D) x 4.65" (H)				
	Weight	2.91kg	3kg	2.7kg	3kg	2.7kg
	Construction	SGCC				
	Chassis Color	Black				
	Mounting Type	Wall mount & Desktop				
Environmental	Operating Temperature	0°C~45°C (32°F~113°F)				
	Storage Temperature	-20°C~80°C (-4°F~176°F)				
	Humidity	5% ~ 90% @45C (Non-condensing)				
	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)				

Remarks: 1. Specifications are subject to change without prior notice. 2. ODM/OEM is available. 3. For user's manual & datasheet download, visit [www.ibase.com.tw](http://www.ibase.com.tw).

1 AGS Series  
2 AMS Series  
3 AMI Series  
4 CMI Series  
5 ASB Series  
6 CSB Series

#### Dimensions and Drawing



#### Ordering Information

CMI212-998AFM	Chassis with MI998AF + IP404 riser card, w/o CPU, HDD, memory, w/ 150W power adaptor, 2.5" HDD holder, 2x PCI-E (x16) expansion slots (with PCI-E (x8) signal) (RoHS)
CMI212-991AFM	Chassis with MI991AF + IP404 riser card, w/o CPU, HDD, memory, w/ 150W power adaptor, 2.5" HDD holder, 2x PCI-E (x16) expansion slots (with PCI-E (x8) signal) (RoHS)
CMI212-991EFM	Chassis with MI991EF + IP404 riser card, w/o CPU, HDD, memory, w/ 150W power adaptor, 2.5" HDD holder, 2x PCI-E (x16) expansion slots (with PCI-E (x8) signal) (RoHS)
CMI212-990-6820M	Chassis with MI990VF-6820 + IP404 riser card, w/o HDD, memory, w/ 150W power adaptor, 2.5" HDD holder, 2x PCI-E (x16) expansion slots (with PCI-E (x8) signal) (RoHS)
CMI212-990-6440M	Chassis with MI990VF-6440 + IP404 riser card, w/o HDD, memory, w/ 150W power adaptor, 2.5" HDD holder, 2x PCI-E (x16) expansion slots (with PCI-E (x8) signal) (RoHS)
CMI212-990-6100M	Chassis with MI990VF-6100 + IP404 riser card, w/o HDD, memory, w/ 150W power adaptor, 2.5" HDD holder, 2x PCI-E (x16) expansion slots (with PCI-E (x8) signal) (RoHS)
CMI212-981M	Chassis with MI981AF + IP404 riser card, w/o CPU, HDD, memory, w/ 150W power adaptor, 2.5" HDD holder, 2x PCI-E (x16) expansion slots (with PCI-E (x8) signal) (RoHS)
CMI212-980-4700M	Chassis with MI980VF-4700EQ + IP404 riser card, w/o HDD, memory, w/ 150W power adaptor, 2.5" HDD holder, 2x PCI-E (x16) expansion slots (with PCI-E (x8) signal) (RoHS)
CMI212-980-4400M	Chassis with MI980VF-4400E + IP404 riser card, w/o HDD, memory, w/ 150W power adaptor, 2.5" HDD holder, 2x PCI-E (x16) expansion slots (with PCI-E (x8) signal) (RoHS)
CMI212-980-4100M	Chassis with MI980VF-4100E + IP404 riser card, w/o HDD, memory, w/ 150W power adaptor, 2.5" HDD holder, 2x PCI-E (x16) expansion slots (with PCI-E (x8) signal) (RoHS)