



### Features

- LGA1700 13th/12th Gen Intel® Core™ desktop SoC processor compatible
- 2x DDR5 SO-DIMM sockets, Max. 64GB for DDR5-5600 /4800 (Non-ECC)
- Supports 2x DisplayPorts & 1x HDMI
- 2x Intel® 2.5G LAN, 6x USB 3.2, 2x COM, 2x NVMe for storage devices
- 4x M.2 sockets (2x M-Key/B-Key/E-Key)
- Wall mount kit included, optional VESA mount kit
- Dimension: 200(W) x 200(D) x 62(H) mm

### Specifications

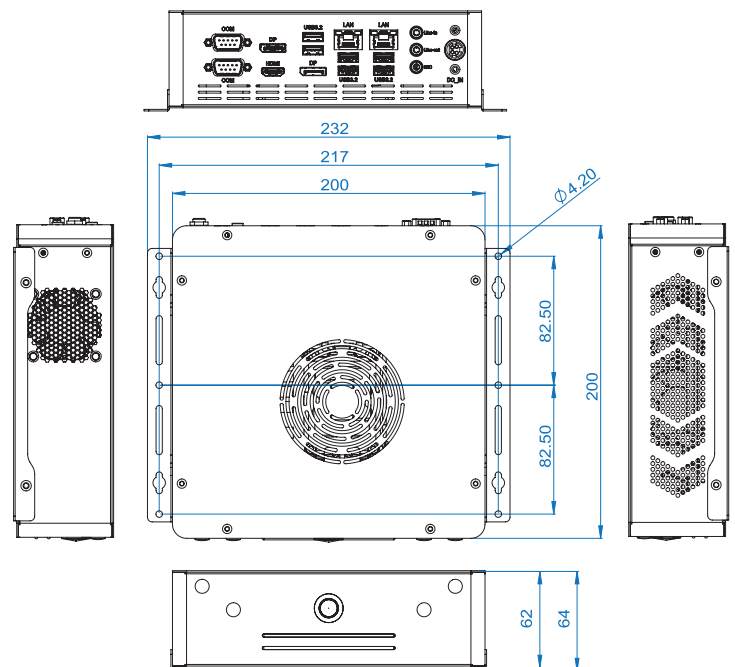
System Mainboard	MI997AF
CPU Type	13th/12th Intel® core™ desktop SoC processors (45W or 15W TDP)
System Speed	Up to 4.8GHz
Memory	2x DDR5-5600/4800 SO-DIMM, Max. 64GB
Front Panel External I/O	4x Antenna Hole reserved Power button with LED indicator
Rear Panel External I/O	2x RS232/422/485 port for COM#1~COM#2 2x DisplayPort + 1x HDMI 6x USB 3.2 ports 2x RJ-45 2.5G LAN 3-port Audio Jack 1x DC-jack
Expansion Slots	1x M.2 B-Key 3052 (LTE/5G/4G) 1x M.2 E-Key 2230 (WIFI/BT) 2x M.2 M-Key 2280 (NVMe)
Storage	2x M.2 2280 M-Key for NVMe SSD
Construction	Aluminum & Wteel
Chassis Color	Black
Mounting	Desktop & wall mount bracket Optional VESA mount kit
Dimensions	200mm(W)0 x 200mm(D) x 62mm(H)
Others	With Active CPU Cooler, Optional Power adaptor Power Requirement: +12~+24V DC-in Operating System: Windows 10 /11, Ubuntu
Weight	1.9 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%@45°C (non-condensing)
Vibration	Operating: 1 Grms / 3~500Hz
Shock	Operating: 20G/11 ms Duration Non-operating: 40G/11 ms Duration
Certification	CE, FCC Class B & LVD

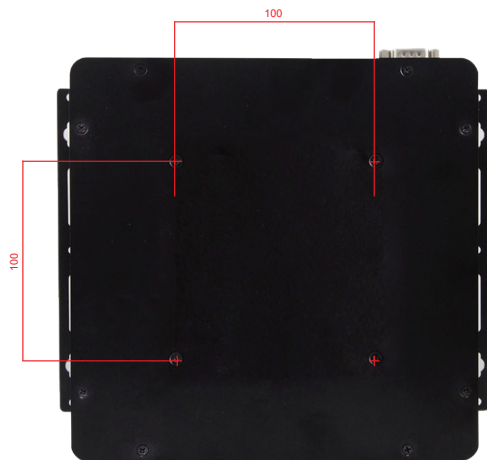
### Ordering Information

CMI300-997M	(CMI) Embedded system with MI997AF & CPU cooler, w/o CPU/memory/SSD/Power adaptor, Support iAMT (1.6.1), mounting brackets (RoHS2)
-------------	--

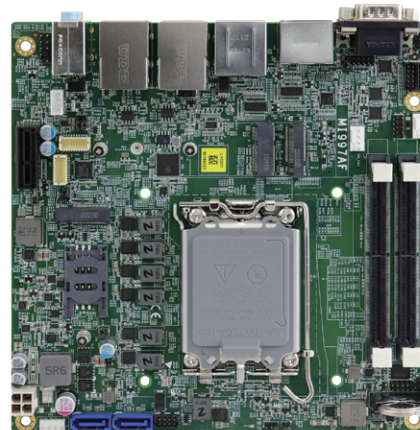
### Dimensions and Drawing



## Desk mount / VESA mount



## MI997 Motherboard



## Recommended Processor List

Processor	Core number	Base ~ Turbo (Max.)	TDP	L3 Cache	Use Condition Embedded
i7-12800HL	14	2.40 GHz ~ 4.80 GHz	45 W	24MB	Yes (10 years)
i7-12700HL	14	2.30 GHz ~ 4.70 GHz	45 W	24MB	Yes (10 years)
i5-12600HL	12	2.70 GHz ~ 4.50 GHz	45 W	18MB	Yes (10 years)
i5-12500HL	12	2.50 GHz ~ 4.50 GHz	45 W	18MB	Yes (10 years)
i3-12300HL	8	2.00 GHz ~ 4.40 GHz	45 W	12MB	Yes (10 years)
i7-1265UL	10	1.80 GHz ~ 4.80 GHz	15 W	12MB	Yes (10 years)
i7-1255UL	10	1.70 GHz ~ 4.70 GHz	15 W	12MB	Yes (10 years)
i5-1245UL	10	1.60 GHz ~ 4.40 GHz	15 W	12MB	Yes (10 years)
i5-1235UL	10	1.30 GHz ~ 4.40 GHz	15 W	12MB	Yes (10 years)
i3-1215UL	6	1.20 GHz ~ 4.40 GHz	15 W	10MB	Yes (10 years)
Celeron® Processor 7305L	5	1.10 GHz ~ 1.10 GHz	15 W	8MB	Yes (10 years)
Core™ 3 100HL	8	2.1 GHz ~ 4.6 GHz	45 W	12MB	Yes (10 years)
Core™ 3 100UL	6	1.2 GHz ~ 4.5 GHz	15 W	10MB	Yes (10 years)
Core™ 5 120HL	12	2.6 GHz ~ 4.7 GHz	45 W	18MB	Yes (10 years)
Core™ 5 120UL	10	1.3 GHz ~ 4.6 GHz	15 W	12MB	Yes (10 years)
Core™ 5 130HL	12	2.8 GHz ~ 4.8 GHz	45 W	18MB	Yes (10 years)
Core™ 5 130UL	10	1.6 GHz ~ 4.7 GHz	15 W	12MB	Yes (10 years)
Core™ 7 150HL	14	2.5 GHz ~ 5 GHz	45 W	24MB	Yes (10 years)
Core™ 7 150UL	10	1.7 GHz ~ 5 GHz	15 W	12MB	Yes (10 years)
Core™ 7 160HL	14	2.5 GHz ~ 5.2 GHz	45 W	24MB	Yes (10 years)
Core™ 7 160UL	10	1.8 GHz ~ 5.2GHz	15 W	12MB	Yes (10 years)