



Features

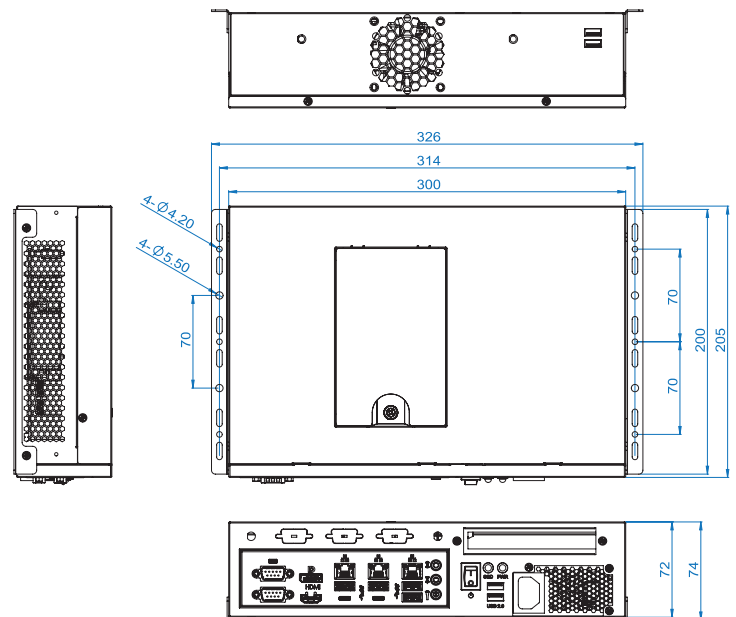
- Intel® Core™ Ultra 200H series mobile onboard processors, up to 65W
- 2x DDR5 cSO-DIMM, Max. 96GB, Non-ECC
- Supports 2x Type-C, 1x HDMI and 1x DisplayPort(DP++)
- LAN 1: Intel® I226LM, supports 2.5G and iAMT
LAN 2 / LAN 3: Intel® I226V, supports 2.5G only
- 4x USB 3.2, 2x USB Type-C, 4x USB 2.0, 2x COM
- supports 1x PCIe (x4) [Gen4.0]; 3x M.2 (E-Key @2230 and 2x M-Key @2280 & 2242)

Specifications

System Mainboard	MI1005AF
CPU Type	Intel® Core™ Ultra 200H series mobile Processors
System Speed	Up to 5.4 GHz (Core™ Ultra 9 285H)
Memory	2x DDR5 SO-DIMM sockets, up to DDR5-6400 cSO-DIMM memory module, Max. 96GB
AI Inference Computing Power	36 pTOPS
Front Panel External I/O	2x USB 2.0 ports 2x Antenna holes
Rear Panel External I/O	1x AC-inlet 1x Power switch (rocker switch) 1x Power LED indicator 1x Storage LED indicator 2x USB2.0 ports 2x DB9 for COM1/COM2 (COM1 with RS-232/422/485, select from BIOS) 1x DP + 1 x HDMI 2x (USB Type-C + USB3.2 Type-A + RJ45 connector) 1x (Dual USB3.2 Type-A + RJ45 connector) 1x triple type jack for Audio connector 2x Antenna holes
Expansion Slot	1x PCIe (x4)[Gen5] expansion slot 1x E-Key E2230, 2x M-Key (M2280 & M2242)
Storage	2x M.2 (M2280 & M2242) M-Key socket for SSD (PCIe Gen4 signal) 1x 2.5 removable device bay for SSD
Power Requirement	ATX power supply
Power Supply	Industrial 250W ATX power supply Input voltage: 100V ~ 240V Input frequency: 47Hz ~ 63Hz Compatible with IEC62368-1/EN62368-1
Construction	SECC
Chassis Color	Black
Mounting Type	Wall mount & Desktop
Dimensions	300mm (W) x 205mm (D) x 72mm (H) 11.81 (W) x 8.07 (D) x 2.83 (H)
Weight	3.2 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)
Vibration	Non-operating : 1.0 grms / 5~500Hz / random Operating : 0.25 grms / 5~500Hz / random
Shock	Operating : 20G / 11ms Non-operating : 40G / 11ms
Certification	CE / LVD / FCC Class B
Operating System	Windows 11



Dimensions and Drawing



Ordering Information

CMI211-1005AFM	Barebone system with MI1005AF+ IP201 riser card, w/o SSD, memory, w/ 250W PSU, 2.5 storage holder, 1x PCIe (x4) expansion slot (RoHS2)
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