



Features

- LGA1700 for 14th/13th/12th Gen Intel® Core™ desktop processor
- 2x DDR5-5600 SO-DIMM, Max.64GB
- Supports DP, HDMI, 2x COM ports and 4x USB 3.2
- 2x Intel® 2.5G LAN & 2x Intel® 10G LAN
- Supports M.2 SSD and WiFi/BT
- Supports Digital I/O, iAMT(16.1), TPM (2.0)
- +24V DC input
- Supports Windows 11

Specifications

System Mainboard	MI1001AF-10G
CPU Type	14th/13th/12th Gen Intel® Core™ i / DT processors (RPL-S Refresh platform)
System Speed	Up to 5.8GHz
Memory	2x DDR5-5600 SO-DIMM, Max. 64GB
Front Panel External I/O	4x Antenna holes (reserved) power button with LED indicator
Rear Panel External I/O	4x USB 3.2 1x DisplayPort 1x HDMI 2x DB9 for COM (RS232/422/485) 2x 2.5G LAN 2x 10G LAN 1x 24V DC-input
Expansion Slots	2x M.2 sockets (E-key and M-key)
Storage	1x M.2 (M2280), supports NVMe
Construction	Aluminum & Steel 1x System fan
Chassis Color	Black
Mounting	Desktop & wall mounting bracket Optional VESA mounting kit
Dimensions	200mm(W) x 200mm(D) x 62mm(H) 7.87" (W) x 7.87" (D) x 2.44" (H)
Others	With active CPU cooler, Optional power adaptor Power Requirement: 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

CMI300-1001M	(CMI) Embedded system with MI1001AF-10G & CPU cooler, w/o CPU/memory/SSD/Power adaptor, iAMT (16.1), mounting brackets (RoHS2)
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Dimensions and Drawing

