

Compact System with Dual 10G LAN for High-Performance Edge AI Computing



CMI300-1001

For Space-Constrained Deployments in Industrial and Edge Environments

The CMI300-1001 is a compact yet powerful system based on the IBASE MI1001AF Mini-ITX motherboard. Designed for smart factory automation, intelligent surveillance, and edge AI computing applications, the CMI300-1001 combines high performance with advanced networking and expandability in a space-saving form factor.

Powered by the latest 14th/13th Gen Intel® Core™ processors (LGA1700), the system delivers exceptional computing performance to handle demanding AI workloads. It supports up to 64GB of DDR5-5600 SO-DIMM memory and features dual 10G LAN plus dual 2.5G LAN ports, ensuring ultra-fast data throughput and reliable network performance for bandwidth-intensive applications.

The CMI300-1001 offers versatile connectivity with multiple USB 3.2 ports, COM ports (RS-232/422/485), HDMI, and DisplayPort outputs, along with flexible expansion via M.2 slots for NVMe SSDs and wireless modules. With its industrial-grade durability and compact 200 × 200 × 62mm chassis, the system supports both desktop and wall-mount installations, making it an ideal solution for space-constrained deployments in industrial and edge environments.

iBASE × intel ai

**Compact Edge
AI System
with
10G LAN
for reliable
performance**

Intel Products and Technologies

Accelerating AI and Analytics at the Edge



**Intel® Core™
Processors**

Intel® Deep Learning Boost (Intel® DL Boost)

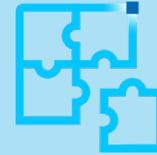
**Intel® Hyper-Threading Technology
(Intel® HT Technology)**

Key Features

Empowered by Intel.



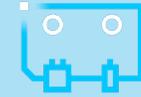
High Performance



Rich I/O and Strong Expandability



Ultra-Fast Networking



Compact Design

IBASE CMI300-1001



Product Specifications

CPU	14th/13th/12th Gen Intel® Core I / DT processors (RPL-S Refresh platform)
Graphics	Intel® Core I / DT processors integrated Intel® Iris® X ^e Graphics
Memory	2x DDR5-5600 SO-DIMM, Max. 64GB
Storage	1x M.2 M2280 SSD, Supports NVMe
Wireless Network	1x M.2 E2230, Supports WiFi/BT module
LAN	2x Intel® 2.5G LAN & 2x Intel® 10G LAN
Operating / Storage Temp.	32°F~113°F / -4°F~176°F
Dimension (W x D x H)	200mm x 200mm x 62mm
Weight	1.9 kg
OS	Windows 11

Learn More

[IBASE CMI300-1001](#)

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