

Edge AI & Intelligent System



CMI211-1005

Accelerating Industrial AI Inference with Modular Expansion

Modern industrial applications face severe challenges in processing massive data volumes at the edge without compromising latency or system stability. The [CMI211-1005](#) directly addresses these demands by leveraging the latest Intel® Core™ Ultra 200H series processors, combining highly efficient CPU/GPU capabilities with an integrated NPU for localized, low-latency AI inference.

Featuring the outstanding MII005 Mini-ITX motherboard, this industrial-grade system offers unmatched deployment benefits, including rich I/O connectivity, triple LAN ports and four independent displays. What truly sets the CMI211-1005 apart from rigid, standard computing blocks is its clever internal layout—incorporating an IP201 riser card to deliver one PCIe x4 expansion slot within a remarkably compact, black SECC steel chassis. It successfully bridges the gap between space-saving requirements and heavy-duty modular expansion, making it the premier choice for next-generation factory automation and smart retail.



Key Features



High-Performance AI Computing



Industrial-Grade Reliability



Flexible PCIe Expansion Slot



Versatile High-Speed Connectivity



Intel Products & Technology



[Intel® Core™ Ultra Processors](#)



[Intel® Ethernet](#)



[Intel® Iris X^e Graphics](#)

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