

Scalable AI Powerhouse for Mission-Critical Industries



ASRock Industrial iEPF-10000S Series Massive Compute and Expansion Built for AI, Automation, and Mission-Critical Industries



The iEPF-10000S Series is a powerful Edge AIoT platform designed to tackle the most demanding industrial workloads, from large-scale AI model training and inference to vision processing and smart automation. Built with Intel® Core™ Ultra 200S Series processors and Intel® Arc™ B-Series graphics, it delivers exceptional compute, accelerated AI performance, and real-time data analysis. Supporting up to 256GB DDR5 memory, PCIe Gen5 expansion, and 10GbE LAN, the system ensures high-bandwidth connectivity and scalability for future growth. With industrial-grade reliability, flexible expansion, and multi-display support, it is engineered for mission-critical environments that demand nonstop performance. The iEPF-10000S empowers manufacturers, logistics operators, and infrastructure providers to consolidate AI workloads into one platform, reducing complexity while increasing efficiency. This combination of high compute power, expansion flexibility, and rugged reliability sets it apart as the go-to solution for next-generation industrial AI deployment.

Unlock Next-Level Industrial AI Performance with Advanced Compute, Graphics, and Connectivity at the Edge

Intel Products and Technologies

Accelerating AI and Analytics at the Edge



Intel® Core™
Ultra Processors



Intel® Arc™
Graphics



OpenVINO™
Toolkit



Intel® oneAPI
Base Toolkit

Key Features

Empowered by Intel.



High-Performance
Edge AI Platform



Ultra-Fast
Data
Processing



High-Bandwidth
Expansion



Industrial-
Grade
Powerhouse

ASRock Industrial iEPF-10000S Series



Product Specifications

CPU	Intel® Core™ Ultra processor
Graphics	Intel® Xe LPG Graphics
Memory	Dual Channel ECC/non-ECC DDR5 6400/5600 MHz ECC feature only supported by W880 / up to 256GB (64GB per DIMM)
Storage	Storage: 1 x M.2 (Key M, 2242/2280/22110/25110) with PCIe Gen5 x4 for SSD 1 x M.2 (Key M, 2242/2280) with PCIe Gen4 x4 for SSD
PCIe Expansion Slots	2 x PCIe Gen5 Slots (PCIE1/PCIE5: single at x16 (PCIE1); dual at x8 (PCIE1) / x8 (PCIE5)) 2 x PCIe x4 (Gen4) for Q870 SKU or 3 x PCIe x4 (Gen4) for W880 SKU 2 x PCIe x1 (Gen4)
LAN	2 x 1 Gigabit LAN 1 x 10 Gigabit LAN (Option for W880 SKU)
Operating / Storage Temp.	0~40°C
Dimension (W x D x H)	206mm x 597mm x 455.1mm
Weight	25kg
OS	Windows 10 IoT Enterprise 2021 LTSC / Windows 11 IoT Enterprise 2024 LTSC (2H24) / Windows 11 IoT Enterprise GAC (2H24) / Ubuntu 24.04 LTS

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[\(Intel® Core™ Ultra 200S Series processors\)](#)

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