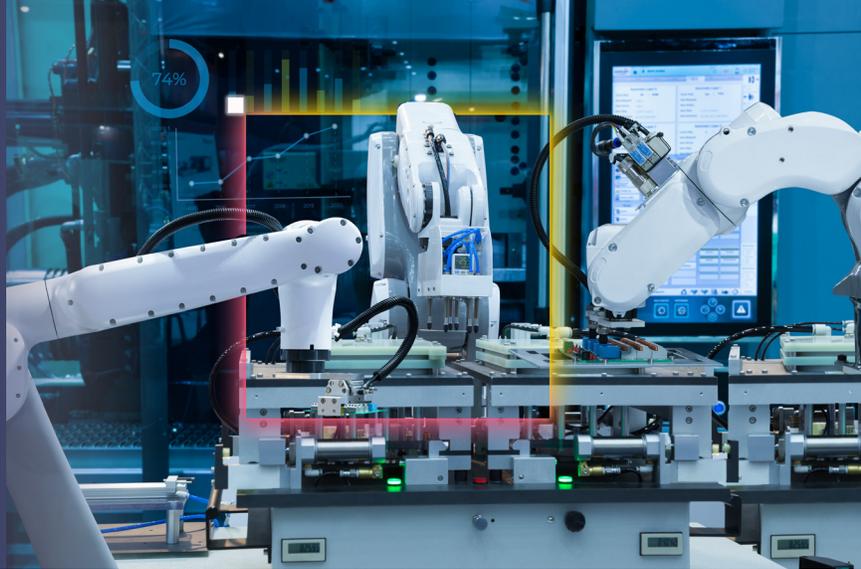# Ruggedized, Modular Edge AI System

ASRock Industrial iEPF-9030S-EW4
Next-Generation Edge AI System

The iEPF-9030S-EW4 is rugged, modular Edge AI Platform designed for compute-intensive workloads in challenging industrial enthronement. Powered by 14th Gen Intel® Core processors and Intel® Arc B-Series graphics, it enables real-time AI training, inferencing, and advanced vision analytics at the edge. Its scalable architecture supports PCIe expansion for GPUs, AI accelerators, and additional I/O, making it ideal for smart manufacturing, intelligent transportation, and public safety applications. Engineered for wide-temperature operation and resistance to shock and vibration, the system ensures reliable performance in mission-critical deployments. With Intel® vPro® technology, the iEPF-9030S-EW4 also offers enhanced manageability and security features for streamlined edge deployment and operation.

Reliable edge AI computing *with outstanding I/O connectivity with TSN/ TCC real-time computing*

Intel Products and Technologies
Accelerating AI and Analytics at the Edge

Intel® Core™ Processors

Intel® Arc™ Graphics

OpenVINO™ Toolkit

Intel® oneAPI Base Toolkit

Key Features

Empowered by Intel.

High Performance

Real-Time Processing

Ruggedized Durability

Modular Scalability

ASRock Industrial iEPF-9030S-EW4

Product Specifications

CPU	14th Gen Intel® Core™ Processors
Graphics	Intel® UHD Graphics
Memory	2 x 262-pin DDR5 SO-DIMM up to 96GB (48GB per DIMM)
Storage	1 x M.2 (Key M1, 2242/2260/2280) with Gen4 x4 for NVMe SSD 1 x M.2 (Key M2, 2242/2280/22110/25110) with Gen3 x4 for NVMe SSD 4 x SATA3 (6Gb/s), support RAID 0/1/5/10
Wireless Network	1 x M.2 (Key E, 2230) with CNVI/PCIe Gen3 x1 and USB2.0 for Wi-Fi/BT module
LAN	3 x Intel® Ethernet Controller I226-IT (LAN1 vPro Support) 2 x Intel® Ethernet Controller I226-IT (PoE Support, each port supports IEEE 802.3AT PoE, PoE output max. 30W/single port or 30W/two ports shared)
Operating / Storage Temp.	35W CPU: -40°F~167°F; 45W~65W CPU: -40°F~131°F / -40°F~185°F
Dimension (W x D x H)	209.8mm x 290.8mm x 207.1mm
Weight	10kg
OS	Windows 10 & Linux

Learn More

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