Product Brief
ASRock iEP-7040E Series

High-Performance Industrial Edge AI System with Rugged Reliability

ASRock Industrial

AI-Optimized, Rugged, and Scalable Edge Computing for Industrial Automation and Robotics

The iEP-7040E Series delivers high AI performance, rugged reliability, and seamless connectivity for industrial edge computing. Powered by Intel® Core™ Ultra Processors, Intel Arc™ GPU, and an integrated NPU, it offers up to 99 TOPS AI acceleration for computer vision, predictive analytics, and real-time automation. Designed for mission-critical applications, it supports dual DDR5 5600 SO-DIMM (up to 96GB) with in-band ECC, TPM 2.0 security, and industrial I/O, including 5GbE LAN with PoE and multiple serial ports. With -25°C to 50°C operation, 100G shock, and 5 Grms vibration resistance, its fanless, compact design and versatile mounting ensure reliable performance in AI, robotics, and smart automation applications.

Key Features

- Ruggedized Reliability
- AI-optimized Processing
- High-speech Connectivities
- Industrial-grade Security

Intel Products & Technology

Intel® Core™ Ultra Processors Series 2

The Intel® Core™ Ultra processor scale performance and AI acceleration, powering edge computing across smart cities, factories, retail, entertainment, and healthcare for advanced AI-driven solutions.

Intel® Arc™

Intel® Arc™ is a high-performance graphics brand, delivering immersive visual experiences for gamers and creators with an evolved look, feel, and foundational visual assets.