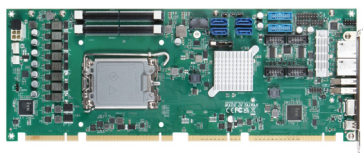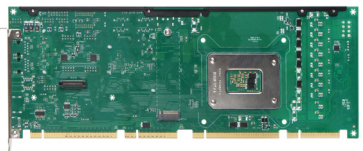**intel**

High-Performance Edge AI & Industrial Automation Single Board Computer

Powerful Computing, High-Speed Connectivity, and Multi-Display Support for Advanced Edge Applications

The ROBO-8117G2AR is a high-performance embedded motherboard designed for edge computing applications. Powered by Intel® Core™ processors in the LGA1851 package, it delivers exceptional computing power and efficiency. Supporting up to 96GB DDR5 6400 ECC SO-DIMM across two sockets, it ensures high-speed data processing and reliability.

The board features multiple display outputs, including Mini-DP and dual HDMI®, making it ideal for advanced visualization needs. For networking, it includes dual 2.5GbE based on PCIe x1, ensuring high-bandwidth data transfer. Additionally, two USB 3.2 Gen2 ports on the rear I/O provide fast connectivity, while onboard TPM 2.0 enhances security. ROBO-8117G2AR is the perfect choice for industrial automation, AI applications, and high-performance edge solutions.

Key Features

Reliable & Scalable	Powerful Processing	Versatile Expansion	High-Speed Connectivity

Intel Products & Technology

Intel® Core™ Processors

Intel® Core™ processors deliver high-performance computing for various applications, offering advanced AI acceleration, power efficiency, and seamless multitasking across consumer, commercial, and industrial devices.