Product Brief Portwell ROBO-8117G2AR

intel

High-Performance Edge AI & Industrial Automation Single Board Computer









Powerful Computing, High-Speed Connectivity, and Multi-

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 ò

Versatile

Expansion

H

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.

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