

Rugged Fanless Edge AI for Industrial Environments



MB2-10ANS

Compact Fanless Embedded PC Optimized for Smart Factory Automation

The [MiTAC MB2-10ANS](#) is a compact embedded system designed for Edge AI scenarios, such as serving as an edge controller or AIoT gateway. Powered by the Intel® Processor N97 or Intel® Core™ i3-N305 Processor, it delivers the performance and efficiency needed to process data at the edge, enabling faster decision-making and reduced reliance on cloud infrastructure.

Equipped with dual Intel® Ethernet Controller I226 2.5GbE ports and dedicated expansion slots for Wi-Fi, 4G, and 5G connectivity, the MB2-10ANS enables reliable, high-speed communications across distributed edge environments. Rich I/O support, including legacy interfaces, simplifies integration with existing industrial equipment and IoT devices.

Its rugged, fanless design features a wide 8V~26V DC input range and supports operation in temperatures from -25°C to 60°C, making it a dependable solution for diverse industrial environments. By combining Intel-powered compute, advanced connectivity, and flexible expansion, the MB2-10ANS helps organizations deploy scalable AI-enabled edge solutions for industrial automation, smart infrastructure, and real-time operational intelligence.



Key Features



Fanless Rugged
Design



Wi-Fi, 4G & 5G
Ready



Wide Temp
Reliability



Wide-Power
DC Input

intel ai

Intel® AI Edge Systems

Intel Products & Technologies



[Intel Atom®](#)



[Intel® Core™
Processor N-Series](#)



[Intel®
Processor N97](#)



[Intel®
Ethernet](#)

Intel technologies may require enabled hardware, software or service activation. // No product or component can be absolutely secure. // Your costs and results may vary. // Performance varies by use, configuration and other factors. // See our complete legal [Notices and Disclaimers](#). // Intel is committed to respecting human rights and avoiding causing or contributing to adverse impacts on human rights. See Intel's [Global Human Rights Principles](#). Intel's products and software are intended only to be used in applications that do not cause or contribute to adverse impacts on human rights.

© Intel Corporation. Intel, the Intel logo and other Intel marks are trademarks of Intel Corporation or its subsidiaries. Other names and brands may be claimed as the property of others.