

3.5" SINGLE BOARD COMPUTER FOR WIDE TEMPERATURE INDUSTRIAL EDGE

Rugged 3.5" SBC for Wide-Temp Industrial Edge



STELIAU
TECHNOLOGY

The SBC35-ASL is a versatile and high-performance 3.5" single board computer, designed to meet the demands of industrial and outdoor applications. Powered by Intel® x7835RE/x7433RE/x7211RE processors and supporting up to 16GB of DDR5 4800MHz memory, it delivers robust performance for real-time processing needs. Its triple display outputs, including eDP/LVDS, HDMI, and DP, make it ideal for graphics-intensive tasks, while dual Gigabit Ethernet ports ensure reliable connectivity. Built for extreme environments, the SBC35-ASL operates within a temperature range of -40°C to 85°C, ensuring durability in harsh conditions.

Key features include expandability through SBC-FM Adaptive Function Modules, which provide flexible I/O expansion with connectors like PCIe, USB, and LPC. These modules allow for easy customization and seamless integration, enhancing the board's adaptability for various applications. Additionally, with optional TPM 2.0 for hardware-based security, the SBC35-ASL is suited for use in EV chargers, passenger information systems, self-service devices, and digital signage, providing the flexibility, performance, and resilience required for next-generation industrial computing solutions.

- Intel® x7835RE/x7433RE/x7211RE Processor
- DDR5 4800MHz memory up to 16GB
- Three independent display: eDP/LVDS HDMI, DP
- Dual GbE ports: 1GbE (Intel i210IT)
- SBC-FM board expansion: PCIe x1, USB2.0, LPC



For full product
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