CAN Newsletter Online

FANLESS INDUSTRIAL PC

Engineered for Industry 4.0

Onlogic introduced Helix 310 and Helix 330 computers with an optional CAN interface. The PCs are engineered for Industry 4.0, Edge computing, and industrial IoT applications.

Helix 310 and Helix 330 are designed for challenging environments (Source: Onlogic)

The platforms are powered by the dual-core Intel Celeron N6211 or quad-core Pentium J6425 CPUs (central processing units), formerly known as "Elkhart Lake". The devices with up to 32 GiB of memory support a triple of independent 4K displays, an audio port, three USB 3.2, three USB 2.0, two COM serial ports, and up to two 1-Gbit/s Ethernet ports. Optional features include a CAN interface, digital I/Os, two additional COM ports, 4G cellular network connectivity, and three antennas.

IoT-specific features include the Intel Programmable Services Engine (Intel PSE) for IoT workloads. It is powered by an ARM Cortex-M7 micro-controller, which enables enhanced real-time computing. Company's Modbay expansion technology allows users to customize systems with additional connectivity options via M.2 and mPCIe slots. The computers can be configured with a range of Windows or Linux Ubuntu operating systems. They operate at temperatures from 0 °C to +50 °C and require a power supply of 12 VDC to 24 VDC.

Onlogic is a global industrial computer manufacturer designing configurable, solution-focused computers engineered for reliability at the IoT edge. According to manufacturer, the systems operate in the harshest environments, empowering customers to solve their computing challenges independent of industry. Founded in 2003 as Logic Supply, the company has offices in USA, Netherlands, Taiwan, and Malaysia.

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