

ADLINK – MXC-2300 Series based on Intel Atom processor E3845 Fanless Expandable Embedded Computer with PCI/ PCIe Slots

ADLINK is pleased to announce the release of its MXC-2300 fanless expandable embedded computer series, equipped with the industry-leading features and benefits of the latest Intel® Atom™ processor E3845.

The MXC-2300 delivers impressive computing performance at minimal power consumption, along with advancements in visual processing capabilities provided by Intel® Gen 7 HD graphic technology (Ivy Bridge GPU). In addition, built-in dual-port isolated CAN bus and digital I/O facilitate communication between micro-controllers and devices. Continuing the singular expansion principles of the Matrix MXC series, the MXC-2300 sustains versatile expandability from three PCI/PCIe expansion slots accommodating a variety of I/O cards. As a result, the MXC-2300 series presents an intelligent computing platform with enhanced reliability, flexibility, and cost-effectiveness, ideal for machine automation, machine vision, intelligent transportation systems, maritime management, and energy providers.



Product Highlights

- **The industry's first system-on-chip (SoC) processor, the Intel® Atom™ processor E3845, delivers impressive computing, graphic, and media playback performance, all operating in an extended temperature range**
- **CPU performance is improved dramatically compared to previous series, 6X on the MXC-2000 and 2X on the MXC-4000, with no increase in power consumption. Outstanding 3D graphics and enhanced Full HD video acceleration with Intel® Gen 7 HD graphic technology (Ivy Bridge GPU)**
- **Three PCI/PCIe expansion slots and one mini-PCIe socket in a compact enclosure**
- **Abundant I/O capability with five USB ports, four COM ports, and two Intel® Gigabit Ethernet ports with teaming function**
- **Built-in dual-port isolated CAN bus enhances inter-device communication**
- **Built-in 16-CH isolated DI and 16-CH isolated DO**

Press Release:

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ADLINK Technology

ADLINK Technology provides a wide range of embedded computing products and services to the test & measurement, automation & process control, gaming, communications, medical, network security, and transportation industries. ADLINK products include PCI Express-based data acquisition and I/O; vision and motion control; and AdvancedTCA, CompactPCI, and computer-on-modules (COMs) for industrial computing. With the acquisition of Ampro Computers, Inc. and LiPPERT Embedded Computers GmbH, ADLINK also provides a wide range of rugged by design Extreme Rugged™ and Rugged product lines including single board computers, COMs and systems.

ADLINK strives to minimize the total cost of ownership (TCO) of its customers by providing customization and system integration services, maintaining low manufacturing costs, and extending the lifecycle of its products. ADLINK is a global company with headquarters and manufacturing in Taiwan; R&D and integration in Taiwan, China, the US, and Germany; and an extensive network of worldwide sales and support offices.

ADLINK is ISO-9001, ISO-14001, ISO-13485 and TL9000 certified, is an Associate Member of the Intel® Intelligent System Alliance, an Executive Member of PICMG, a Sponsor Member of the PXI Systems Alliance, an Executive Member of PC/104 Consortium, and a Strategic Member of the AXIe Consortium. ADLINK is a publicly traded company listed on the TAIEX Taiwan Stock Exchange (stock code: 6166).

Manufacturer:

ADLINK Technology

www.adlinktech.com

Specialities:

Test and Measurement, Embedded Systems, Automation and Computer & Communications, High-performance, high-quality PC based add-on cards and platform provider.

Rugged Interconnect Technologies

Rugged Interconnect Technologies focuses on offering rugged product solutions for industrial, mining, communications, defence and homeland security applications.

Working closely with our valued customers we can propose solutions based on application-ready computing platforms, customer specific requirements or a wide range of commercial off-the-shelf modules.

We represent best-of-breed suppliers with leading edge technologies consisting of rugged systems, processor, communication and multifunction I/O modules. Together we target applications such as sensor management and control, radar / sonar, digital signal processing, imaging, video tracking, situation awareness, recording and storage.

Rugged Interconnect Technologies prides itself in offering customers local sales and engineering support, product life cycle management and, when required assistance with next generation technology insertion. We have provided bus and board technologies to national and international customers for more than 30 years.

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