ADLINK

LEADING EDGE COMPUTING

Rugged & Ready

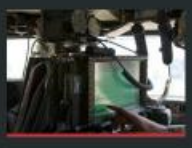
ADLINK Edge AI Platforms for Defense

Rugged Solutions Drive Defense Applications

Defense Security Gateway

Ground Radar Data Processing

Autonomous Equipment



Portable Data Recorder

ODM Defense Computer

Maritime Aircraft C4ISR Element

- Adherence to MOSA Principles
- Expertise in Mission-Critical
- Field Proven Reliability
- In-House Manufacturing
- Supply Longevity
- ODM Capabilities
- Global Support

- CompactPCI
- VPX
- HPERC
- ODM service

SOSA Sensor Open Systems Architecture

FACE Future Airborne Capability Environment

VITA Open Standards, Open Markets

intel partner

NVIDIA ELITE PARTNER

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Leading the Edge AI Computing of Defense Applications

ADLINK Technology Inc. (TAIEX:6166) leads edge computing, the catalyst for a world powered by artificial intelligence. ADLINK manufactures edge hardware and develops edge software for embedded, distributed, and intelligent computing. With over 1600 global customers, ADLINK is trusted as a key partner in their mission-critical successes. Our footprint extends from medical computers in intensive care units to defense equipment for aerospace and defense customers, and even to the world's first high-speed autonomous racing car, solidifying our position as an industry leader.

ADLINK produces an extensive range of consumer-off-the-shelf (COTS) components that are purpose-built to survive the demands of aerospace and defense applications. The Extreme Rugged COTS hardware benefits customers as a cost-effective means to quickly reach the market for rapid deployment and is in line with open initiatives.For specialized aerospace and defense operations, customers may require a capable Original Design Manufacturer (ODM) to design and produce custom solutions. ADLINK is proud to offer modified COTS (MCOTS) or ODM services to meet these demands with exceptional efficiency.

As a global leader with over 29 years of manufacturing experience, ADLINK has the resources to excel as an OEM producing top-tier hardware and as a responsive ODM. With in-house engineering teams, ADLINK maintains excellent control over hardware R&D, testing, and validation. Our strategic global presence allows for quick responses and regional support.

Looking ahead, ADLINK embraces new technologies like AI, edge computing, and IoT. By evolving our Extreme Rugged products to support these advancements, ADLINK's defense solutions excel in mission-critical applications. ADLINK also adheres strictly to DoD Modular Open System Approach (MOSA) principles in embedded computing design.

Standards-Compliant, Highly Interoperable Extreme Rugged Solutions

ADLINK further demonstrates commitment to this market through participation and leadership in key industry consortia. By cooperating with other organizations and companies, ADLINK helps develop and introduce new innovations for the aerospace and defense ecosystems. For example, ADLINK is an active participant in the Sensor Open Systems Architecture (SOSA™) Consortium, which develops non-proprietary open systems architectures based on DoD and/or commercially available open standards. SOSA™ also produces guidelines for C4ISR (Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance) systems. Being an active contributing member of the Future Airborne Capability Environment (FACE™) Consortium is another testament to ADLINK’s adherence to DoD Modular Open Systems Approach (MOSA) principles.

Through its cooperation with these consortia ADLINK has delivered cutting-edge systems that meet open standards, such as VPX and CompactPCI. ADLINK’s product portfolio of COTS components are built with interoperability in mind, letting customers meet fast deployment times and minimize development challenges. These multi-processor 3U and 6U processor and peripheral blades are perfect for mission-critical military operations, such as signal intelligence (SIGINT), radar, and Intelligence, Surveillance, and Reconnaissance (ISR), especially in hostile environments where size, weight, and power (SWaP) are vital. ADLINK’s Extreme Rugged solutions also meet a number of MIL-STD requirements. The company’s lineup of HPERC VITA 75 COTS small form factor (SFF) platforms exemplify ADLINK’s insistence on excellence.