



Innovation has always led the charge at Aitech and our product initiatives continually embrace evolving market needs. With powerful GPGPU-based boards and systems that are SWaP-C-optimized and rugged, our products are ready to run in any harsh, mobile or remote application. Our extensive work developing open standards and technologies, such as cybersecure frameworks, has enabled us to support the embedded computing ecosystem with interoperable, reliable and rugged products as well as integrated systems and solutions.

CUSTOMER BENEFITS & TECHNOLOGY HIGHLIGHTS

- Superior video and AI processing featuring the latest GPU and SoM based technology
- SWaP-optimized designs reduce footprint and increase computing performance
- Advanced cybersecurity options available via generic and proprietary AiSecure™ frameworks increase survivability and level of confidence
- 3U VPX platforms aligned with The Open Group Sensor Open Systems Architecture™ (SOSA) and Future Airborne Capability Environment™ (FACE) technical standards
- Lower cost of ownership through COTS Lifecycle+™ obsolescence management
- Reduced time to market using our in-house hardware and software design and integration services



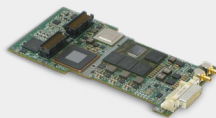
SFF and 3U VPX AI GPGPU Family

A178 Thunder and A176 Cyclone SFF AI supercomputers and C530 3U VPX GPGPU board combine a rugged infrastructure, advanced GPGPU processing and low power consumption.



SFF Flexible Remote I/O and Data Concentrator Family

A174 and A175 rugged, compact and flexible subsystems easily extend avionics and legacy I/O capabilities of any mission computer via multi-client/multi-server architecture.



Advanced Board-Level Graphics Solutions

M596 multiple output graphics XMC and M571/M577 multi-channel frame grabber XMCs are ideal for rugged applications requiring intense video processing and high data computation.



AiSecure™ HPEC Intel® 3U VPX SBC Family

C878/C877/C875 SBCs specifically designed for demanding military environments, featuring on-board FPGAs and our advanced cybersecurity framework. Also includes the SOSA™ aligned U-C8770 SBC.



SWaP-C-optimized Fully Managed Ethernet Switch/Router Family

A664 16-port SFF, M620 XMC and C680 3U VPX switches/routers all featuring advanced L2 & L3 networking, redundancy and security protocols.



3U VITA Power Supply Board

P233 3U VITA 62 compliant power supply board with a wide input voltage range suitable for VPX, VME and CompactPCI systems.

As a pioneer in the field of computing technologies, Aitech provides reliable, rugged embedded systems for the harshest, most unforgiving operating environments across the globe to secure a better tomorrow.

Contact Aitech Today!

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