

FEATURE: COMMS, COMPUTING & CONTROL

Electronic
SpecifierPoE Modules
Suit Building
& Automation

Power over Ethernet touchscreen panel PCs from **American Industrial Systems**, AIS, come in 5.7, 7, and 10.1 compact form factor sizes. The units support the latest POE standard IEEE 802.3at for up to 25.5W transmission over a standard cat5 cable.

AIS PoE wall mount touchscreen terminals provide a cost-effective solution by bringing power and data transfer via a standard twisted pair Ethernet cabling in a network for building automation, remote maintenance, remote diagnostics and testing equipment.

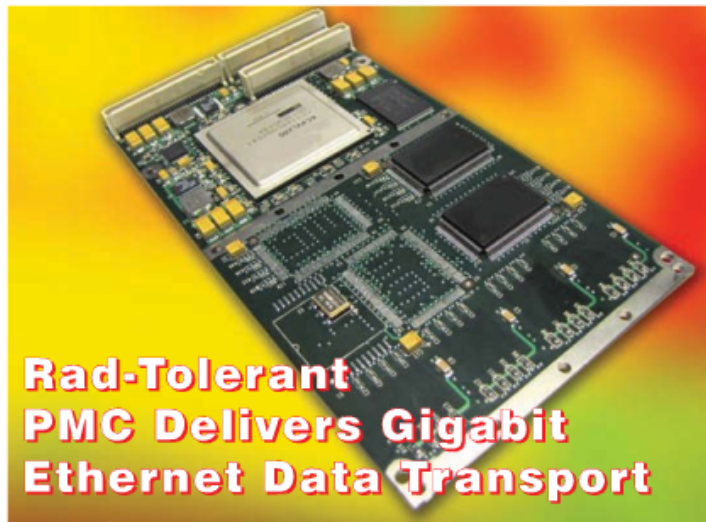
AIS's web based PoE Ethernet I/O modules provide remote logic control and monitoring solutions to various industrial applications. The module is user friendly with an intuitive web interface that allows users to implement If Then Else control logic on controllers just a few clicks away, with no programming required.

[For full editorial](#)

Picochip Extends
To LUH & LUB

Picochip is adding support for luh network architectures to its recently launched picoXcell PC333 HSPA+

SUBSCRIBE

Rad-Tolerant
PMC Delivers Gigabit
Ethernet Data Transport

S750 from **Aitech Defence Systems**, is the space industry's first COTS, radiation tolerant, Layer 2 Gigabit Ethernet switch PCI mezzanine card, PMC, that quickly and reliably transfers Ethernet data to and from GbE NIC end points and the host. With on-board memory and key function redundancy implemented in a rad-hard FPGA, this new PMC is specifically designed for harsh space environments including low earth orbit, Mars terrestrial and geostationary earth orbit.

S750 features up to four 100/1000BaseT, full duplex Ethernet ports and one emulated virtual network port for network access to the SBC network stack via the local PCI bus. 1000Base-X is available as an

3U CompactPCI S950 SBC, the hallmark of space flown SBCs, users can initiate managed switch functions, such as statically and dynamically configurable GbE packet transfers, port management and multiple power saving options, depending on application requirements to match many types of mission profiles. In tandem with the S750 TMR triple modular redundancy FPGA architecture, S950 also delivers on-board Flash and SDRAM memory redundancy to ensure low latency Ethernet transfers and outstanding data integrity.

Enabled immediately at power-up, the S750/S950 mated pair allows the space rated SBC to quickly manage GbE switch ports and data

PAGES

Gateway Connects
Remote Devices In
Harsh Environments

Digi International's ConnectPort X3 H is a rugged programmable cellular gateway for monitoring remote assets in harsh environments. It features advanced battery power and a NEMA 4X/IP66 enclosure to protect the gateway from water, dust and dirt. ConnectPort X3 H is ideal for tank monitoring, pipeline, agriculture, utility and other rugged applications.

The ConnectPort X3 H is integrated with the iDigi cloud platform, making it easy to remotely manage devices and integrate device information into back-end systems.

ConnectPort X3 H provides global connectivity to remote devices and device/sensor networks via GSM GPRS cellular networks. It is Class 1, Division 2 certified and features multiple power options including mains power, battery power or battery power with solar charger panel for harsh environments where power may not be available. It has advanced power management features including a sleep function which shuts down the device when it is not running to conserve battery power.

[For full editorial](#)

Full HD 3DTV
Video Gateway Is

ARCHIVES

