

Aitech's New CompactPCI Ethernet Switch Improves Network Connectivity

WDD Staff



[Aitech Defense Systems Inc.](#) [1]

(Chatsworth, CA) now offers the rugged C660, first in a new series of high-performance, single-slot Gigabit Ethernet switches. The new 6U CompactPCI PICMG 2.16 compatible switch serves as a robust communications backbone for moving massive amounts of data around tightly coupled processing or I/O data concentrators, typically found in embedded telecom, military, aerospace and spacecraft applications. Features include:

- High-speed connectivity and traffic management for streaming video, audio, and data.
- Marvell's BobCat Gigabit Ethernet (BobCat-GE) switch controller.
- Marvell MTS management suite to perform Layer 2 and 3 routing and switching for 24 Gigabit Ethernet ports.
- Up to 4 10-Gigabit Ethernet ports.
- 6 multi-rate network quad SERDES ports, connected to 6 quad PHY controllers, which support the 24 Gigabit Ethernet ports in 1000Base-T format or 16 1000Base-T format ports plus 8 serial 1000Base-X port formats.
- 4 XAUI links provide connection to the four 10-Gigabit Ethernet ports through front panel SFP+ modules.
- A DDRII-320 MHz memory controller.
- A max operating temperature range from -55° to +85°C.

For more information visit <http://www.rugged.com/c660-6u-compact-pci-gigabit-ethernet-switch> [2] or email sales@rugged.com [3].

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