

AdvancedMC

MILITARY EMBEDDED SYSTEMS Resource Guide 2008

Performance Technologies

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AMC modules

Providing modularity and flexibility, Performance Technologies' family of AdvancedMC™ modules is the ideal solution for extending and tailoring the performance of MicroTCA™ or AdvancedTCA® systems. Our comprehensive lineup of compute, storage, video and communications modules provides equipment manufacturers the tools necessary to meet the increasing need for cost-effective and modular processing. Designers seeking to use COTS platforms using AdvancedMC can reduce development cycles and improve time-to-market launches. Developers in telecommunications, aerospace and defense, and commercial markets will gain an ideal application-ready foundation by deploying Performance Technologies' AMC modules in the company's recently announced MTC5070 MicroTCA platform.

**FEATURES**

- Wide range of mid-size, single form factor AMC modules ideal for use in AdvancedTCA® and MicroTCA™ systems
- Single- or multi-core compute modules with PowerPC® or x86 chipsets
- Video/audio/storage module with multimedia video, PCM and Dolby® Digital 5.1 audio, and SATA/SAS hard drive
- Intelligent WAN communications module with four high-speed channels at 2 Mbps per port
- Integrated NexusWare® CGL OS and development environment
- Support for Linux®, Solaris™, or Windows® operating systems