

MicroTCA

MILITARY EMBEDDED SYSTEMS Resource Guide 2008

Performance Technologies

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MTC5070

The MTC5070 MicroTCA™ platform features a highly integrated architecture supporting up to six mid-size, single AMC modules in a 1U form factor. By integrating key infrastructure components, it maximizes density, minimizes cost, and allows front-to-back cooling for NEBS compliance. PCI Express® and Ethernet switching are supported to each slot, while storage is accommodated by direct SATA/SAS slot-to-slot connections between the sites. The onboard platform management subsystem provides MicroTCA-compliant carrier and shelf management. Performance Technologies' MicroTCA platform, AMC modules, and NexusWare® CGL-registered OS and development environment offer an optimized application-ready foundation for telecom, aerospace and defense, and commercial applications.



FEATURES

- › 1U MicroTCA™ high density/low profile cost-effective platform
- › Supports all AdvancedMC™ module form factors, up to six mid-size, single modules
- › Integrated shelf management, PCI Express® switching, and Ethernet switching with dual GbE uplinks
- › Enterprise-class, high-MTBF, removable power supply
- › Front-to-rear, push/pull cooling, and support for up to 40 W per mid-size, single AMC module
- › Fully compliant with MicroTCA.0, AMC.0, AMC.1, AMC.2, and AMC.3

For more information, contact: info-request@pt.com

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