

GDA Technologies, Inc.

1010 Rincon Circle • San Jose, CA 95131

408-432-3090

www.gdatech.com**PowerQUICC III AMC**

Based on the Freescale MPC8548E PowerQUICC® III processor, the GDA AdvancedMC (PICMG AMC.x compliant) includes two Gigabit Ethernet ports in the front panel, two Gigabit Ethernet ports with x8 PCI Express, and IPMI on the AdvancedMC edge connector.

Delivering performance beyond 3065 MIPS, this hot-swappable and field-replaceable cost-effective AdvancedMC solution with built-in hardware XOR acceleration can significantly enhance processing capability in AdvancedTCA™, MicroTCA™, or proprietary systems while addressing power and heat constraints for an AdvancedMC form-factor. The rich encryption capabilities of the board can also enable secure robust communications at very high speeds along with TCP/IP checksum acceleration and QoS support.

For more information, contact: sales@gdatech.com**FEATURES**

- Freescale MPC8548E PowerQUICC® III Integrated Host Processor at 1,333 MHz
- Four 10/100/1000 Ethernet ports, and eight lane PCI Express verified in Target and standard Modes (32 Gbps)
- Hardware support for Katsumi ("Misty"), DES, 3DES, MD-5, SHA-1/2, AES, RSA, RNG, and ARC-4
- Onboard 512 MB DDR2 SDRAM at 167 MHz, 32 MB Boot Flash and I2C EEPROM
- Supports intelligent remote management (IPMI v1.5) along with power and temperature monitoring
- BSP includes Embedded Linux and GDA diagnostics software

RSC# 31959 @ www.compactpci-systems.com/rsc