



Highlights

- >> Fully-Managed Application-Ready Platforms
- >> Integrated Compute, Access & Signaling Components
- >> Robust Software Tools & Middleware
- >> World-Class Engineering Support & Deployment Services
- >> Original Developer of CompactPCI®, PICMG 2.16, PICMG 2.15, VME64 and STD-32

Performance Technologies is the original developer of the CompactPCI®, PICMG® 2.16, PICMG 2.15, VME64 and STD-32 specifications and is actively involved with the development of emerging architectures including AdvancedTCA® (ATCA) and AdvancedMC™. Our complete line of world-class embedded solutions serves customers in the global telecommunications, defense and homeland security, and commercial markets, enabling them to offer highly available, fully-managed systems with time-to-market, performance and cost advantages.

Customers around the globe turn to Performance Technologies as a single source solutions provider of platforms, slot components, robust development software and middleware, and world-class support and maintenance programs.

Platform Products

Advanced Managed Platforms™

- PICMG 2.16 and CompactPCI platforms
- Intelligent and comprehensive shelf management throughout all active components
- High availability and fault tolerance built into active components and power architecture
- World-class Ethernet switches
- Advanced power and cooling for next-gen, high-performance computing components
- Compatibility throughout our entire line of embedded packet products

Chassis

- 4U, 7U and 12U

System Management

- Management and alarm for system power supplies, fan trays, fabric slots and node slots
- Manages via IPMI protocol
- 3U card for PICMG 2.16 platforms
- Mezzanine module for PICMG 3.x platforms hosted by switch

Power

- Advanced power and cooling
- Hot-swap AC and DC power
- IPMI-based management

Embedded Solutions

Product Overview

Ordering Information

- >> To discuss specific requirements and/or pricing, contact sales@pt.com.

Contact Information

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Blade Functionality

Ethernet Switches

- AdvancedTCA and PICMG 2.16
- 10/100/1000 and 10/100 ports
- Layer 2/Layer 3+ switching, routing and filtering
- Up to 44Gbps switching speed

Single Board Computers

- Intel® and AMD Opteron™-based
- Rear panel transition boards

Network & Packet Processing

- IP tunnel routing
- NAT/load sharing NAT

Media & Voice Processing

- PTMC, CompactPCI and PICMG 2.16
- Wireless interworking functions
- VoIP media servers
- Remote access servers

I/O & Communication

- T1/E1/J1
 - CompactPCI, PICMG 2.16 and PCI standards supported
 - Four, eight and 24-port options available
- T3
 - CompactPCI, PICMG 2.16 and PCI standards supported
 - Dual port
- Sync/serial access
 - CompactPCI, PICMG 2.16 and PCI standards supported
 - Four and eight-port options available
- WAN/LAN communications servers
 - Eight and 16-port stand-alone systems

- Advanced PTMC carrier
 - Onboard H.110 switch
 - Dual PTMC sites
 - Onboard Gb switch

Embedded SS7 & SS7/IP

- Signaling gateway blades
- SS7 MTP-2 cards

Storage Solutions

- High availability NAS or SAN storage blade
- SATA storage expansion

Robust Software Tools & Middleware

- NexusWare® Linux-based software products
- WAN protocol software kits
- Channel7™ SS7 MTP-2
- ChanneLink™ T1/E1/J1 driver
- ComLink™ serial driver

Engineering Support & Deployment Services

- World-class technical support
- Training and “Jump Start” programs
- Extended software maintenance programs
- Extended repair and deployment services
- 24X7 support programs