



## Highlights

- >> **Easier Integration**  
Bring solutions to market faster
  
- >> **Product Line Breadth and Depth**  
Easy to change the characteristics of the system by exactly matching capabilities to needs with award-winning hardware, software, and middleware components
  
- >> **CGL Registered and POSIX-Compliant Linux® OS and Development Environment**  
Using NexusWare®, applications can be easily developed and deployed on compute and I/O blades
  
- >> **Maximum Power and Cooling with a Moderate Foot Print**  
Ideal for next-generation high-performance/high-availability applications
  
- >> **Mature, Standards-based Platforms/Blades/Management Software**  
Ensures the longevity of the system and compatibility between elements
  
- >> **Flexibility and Scalability**  
Hardware and software solutions can be reused across multiple platforms, which allows system growth and engineering reuse
  
- >> **One Supplier**  
Performance Technologies designs and supports all of its hardware and software
  
- >> **Committed to the CompactPCI® market**  
Eliminates EOL and RoHS issues

Getting products to market faster and with fewer resources, which has never been an easy task, is now key for success in today's marketplace. Using Performance Technologies' Advanced Managed Platforms™ will ensure that most of the issues faced in getting solutions to market can be overcome.

Designed from the outset to be remotely-managed, standards-based HA systems, these application-ready platforms incorporate a complete set of leading edge CGL- and POSIX-compliant development tools, best-in-class chassis, and blades that are tied together with a suite of ready-to-use middleware, protocols, and applications that will eliminate most of the tedious steps involved in completing projects.

These flexible, scalable platforms are ideal for a wide range of communications, data, and application processing needs. They offer high reliability, massive processing capability, and a contemporary, packet-based networked architecture in a stable, modestly sized form factor that will not overwhelm the power and cooling capabilities of their environment.

## Designed Specifically for High-Availability Solutions

Featuring intelligent and comprehensive management throughout all active platform components, Advanced Managed Platforms are built on a solid hardware foundation that encompasses Performance Technologies' broad range of award-winning switches, single board computers, I/O cards, and enabling software. They can be easily adapted to handle the high performance application demands typically seen in a broad array of airborne/shipboard computing and networking, IP telephony, wireless base station, radar server, Wi-Fi gateway/switching, and fault-tolerant communication applications for financial, government, and commercial users.

With over two decades of success in servicing the needs of customers, Performance Technologies can be trusted to deliver a full range of complete, compatible, and configurable platforms for next-generation systems.

## Ordering Information

Available platforms include:

- >> **AMP5085**  
12U PICMG 2.16 Platform
- >> **AMP5086**  
12U PICMG 2.16 Platform
- >> **AMP5088**  
12U PICMG 2.16 Platform
- >> **AMP5095**  
7U PICMG 2.16 Platform
- >> **AMP5091**  
4U PICMG 2.16 Platform

## Sample Configurations

### 12U PICMG® 2.16 Platform

- NEBS-designed 19-in. rack-mount enclosure
- Three midplane options:
  - AMP5086 (no CompactPCI® bus)
  - AMP5088 (four CompactPCI bus segments)
  - AMP5085 (two CompactPCI bus segments)
- Dual CPC7301 Intelligent Shelf Managers
- 21 slots with 18 payload slots
- Dual Gigabit/10Gb or 10/100 Ethernet switches with support for IPv6 and 1Gb or 10Gb uplinks (CPC4416/CPC6620)
- High-power, hot-swap AC/DC power supplies (CPC6304/CPC6314)
- Designed from the outset for HA applications with redundancy throughout all critical components



### 7U PICMG 2.16 Platform

- AMP5095 NEBS-designed 19-in. rack-mount enclosure
- Dual CPC7301 Intelligent Shelf Managers
- 11 slots with eight payload slots
- Dual Gigabit/10Gb or 10/100 Ethernet switches with support for IPv6 and 1Gb or 10Gb uplinks (CPC4416/CPC6620)
- N+1 high-power, hot-swap AC/DC power supplies (CPC6304/AMP6314)
- Up to 80 W per slot power and cooling
- Redundancy and hot-swap throughout all active components



### 4U PICMG 2.16 Platform

- AMP5091 NEBS-designed 19-in. rack-mount enclosure
- Single CPC7301 Intelligent Shelf Manager
- Eight slots:
  - Seven node slots
  - One fabric slot
- Single Gigabit/10Gb or 10/100 Ethernet switch (CPC4411/CPC4416/CPC6620)
- Hot-swap power supplies (CPC6303/CPC6313)
- Hot-swap of all active components



All platform components can be purchased individually.  
Datasheets containing full details are available at [www.pt.com](http://www.pt.com).



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