

Servers & Workstations

ENGINEERING, MANUFACTURING & INTEGRATION, AND LIFECYCLE MANAGEMENT



2011 PRODUCT PORTFOLIO



Reliable Servers for the Rugged Environment

All of TAG's rugged Servers and Workstations are the culmination of our world-class engineering, manufacturing and integration, and lifecycle support. Our engineers build mobile servers and small footprint embedded computers that are configured and ruggedized to meet customer requirements.

Versatile Performance: The servers feature the latest Intel® & AMD® single and multi-core processors to provide performance-packed and energy-efficient systems. We also feature ATI® and NVIDIA® graphics cards specially selected to meet the demands of your mission.

Accessibility & Expansion: We offer multi-panel accessible I/O ports and hot-swappable components such as hard drives and tape drives. Our systems support a number of PCI expansion slots and PICMG® compatible backplanes for greater reliability.

Flexible Platforms: As a Microsoft® Certified Partner our systems support a number of operating systems such as Windows Vista®, Windows XP®, Windows Server®, Windows Mobile®, and more. We also support Sun® Solaris™, Linux®, redhat®, and Wind River®

Virtual Management: By consolidating servers through virtualization, IT managers can reduce costs, maximize efficiency, and conserve resources. We also offer complete hardware and OS independent remote management solutions on select configurations.

Rugged Architecture: The housing is made of 5052 aluminum chassis & components for lightweight durability, corrosion resistance in humid climates, increased thermal conductivity, and non-magnetic for minimizing electromagnetic interference. Conformal coated electronics protect against moisture, dust, chemicals, and extreme temperatures.

Environmentally Ready: Our in-house testing facility uses thermal simulation and finite element analysis, performed using thermal analysis software, to ensure that systems and instruments are designed and built to survive the full range of harsh thermal environments encountered by land, air, or sea.



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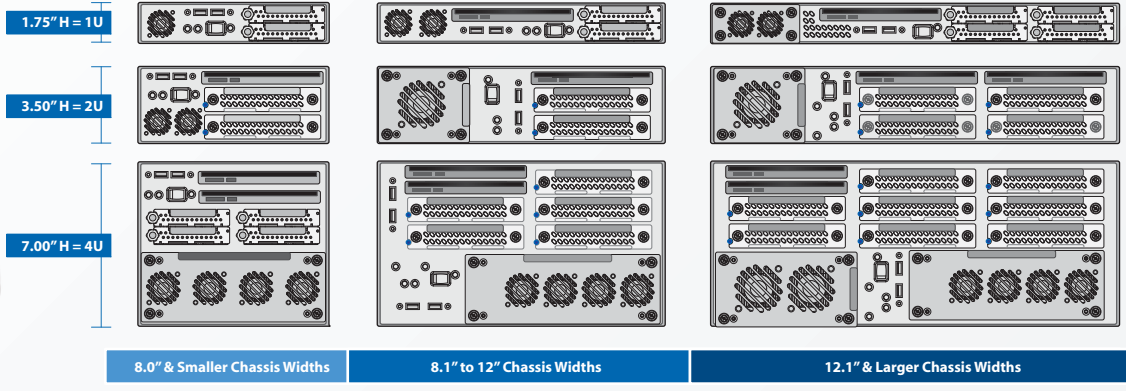
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The specification shown below is the baseline TAG configuration, but is not limited to what is listed. We can customize our systems to meet your exact customer or program requirements. Contact us today for more information. **1.800.TAG.POWER** | itarmor@tag.com

Form Factor Options: New 1U Dual Server Gemini™ Suites Available!



Mounting Options

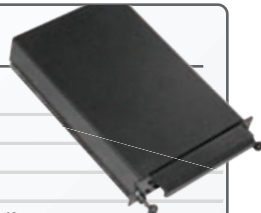
- Rack-Mount
- Vehicle Mount
- Vesa Mount
- Desk Mount/Hard Mount

Processors Options

- Intel® Xeon® Family of Processors
- Intel® Core™ Family of Processors
- AMD® Opteron™ Family of Processors

Storage Options

- Hot-Swappable Hard Drives
- SAS 36GB to 2TB (Per HD)
- SATA 80GB to 2TB (Per HD)
- SSD 4GB to 120GB (Per HD)
- Vibration Isolated HDD Carriers
- Enova®'s Hard Drive Encryption
- Internal RAID 0/1/5/10
- Storage Protocol Engines iSCSI/NAS/DSS/SAN
- Removable Tape Drive
- CD/DVD/RW Optical Drive



Cooling Options

- Convection Cooled (IP 20 - Air breathing)
- Conduction Cooled (IP 68 - Sealed)

Power Supply Options

- Input Range 24/28 VDC to 90/264 VAC
- Single Removable Power Supply
- Dual Redundant Removable Power Supply (Hot-Swap)

Expansion Options

- PCI Expansion Slots (Up-To 14)
- PICMG Compatibility

Memory Options

- DDR2 & DDR3 4GB to 64GB Capacity

Communication Options

- 10/100/1000 Gigabit Ethernet Ports (RJ-45)
- External USB 2.0 Ports
- Serial Ports (RS-232/422/485)
- PS/2 Keyboard & Mouse Ports
- Video Input/Output VGA/DVI/HDMI
- Video Capture NVTs/PAL/SECAM
- Audio Input/Output
- Wireless WiFi/Bluetooth/GPS/3G
- External Antenna (Required for In-Vehicle Ops.)

Environmental Specifications

- Operating Temperature: Designed to Meet -10°C to 60°C, MIL-STD 810G
- Non-Operating Temperature: Designed to Meet -40°C to 85°C, MIL-STD 810G
- Shock: Designed to Meet MIL-STD 810G, MIL-STD-901D
- Vibration: Designed to Meet MIL-STD 810G, MIL-STD-167-1
- Altitude: Designed to Meet 15,000 ft (O), MIL-STD 810G
- Humidity: Designed to Meet 20%-95% (Non-Condensing), MIL-STD 810G
- Fungus/Mold: Designed to Meet MIL-STD 810G
- Sand/Dust/Salt/Fog: Designed to Meet MIL-STD 810G with MIL-STD Connectors



Software Options

- Microsoft®
- Linux®
- Sun Solaris®

(1) Year parts and labor guarantee with 24x7 technical support provided by TAG

Optional Extended Warranty Available

Specifications subject to change without notice

TAG IS IT™