

# Astrix

## GRAPHICS



Astrix Portable Simulation platform is a high-end graphical workstation with a unique, mobile design.



## About MDI's Astrix Graphics Systems

MDI's Astrix family are custom high-performance graphics systems targeted for training and simulation environments. Astrix systems are integrated as Rackmount computers facilitating multi-node clusters for deployment in cabinets and server rooms and or in an innovative Portable form factor for mobile applications such as field simulation and training. Carefully designed cooling systems, industrial-class power supplies with redundancy options, server-class disk subsystems and reinforced construction set Astrix systems apart from the rest.

## Quality Custom Configurations

- Astrix products are configurable to customer specification
- Accommodates most I/O devices, storage networks, digital and analog media processing and cluster interconnects
- Each design undergoes testing for compatibility, thermal performance and stability.
- Each unit produced is treated to individual inspection on numerous quality checkpoints as well as a rigorous 24-hour burn-in period to ensure systems delivered are in working order.

## High-Performance nVidia Graphics

- Professional-grade nVidia Quadro FX products
- Supports Quadro technologies, such as Genlock and Framelock
- Designed for scientific visualization and training / simulation applications on tiled LCD or overlapping projection displays.
- Powerful, qualified platforms for use in super-scale visualization and professional rendering applications.

## Typical Applications:

Simulation and Training  
Field Remote Offices

## We Customize for your Requirements

Components	Capabilities
Processor:	Intel Core 2 Processors including Quad-Core and Dual-Core as well as Extreme Edition CPUs. Speeds ranging from 2.33 GHz to 3.2 GHz with up to 12 MB of Cache. Alternately, supports Intel Xeon 3000-series Quad-Core and Dual-Core processors, from 1.86 GHz to 3 GHz with up to 12 MB of Cache.
Memory:	Up to 16 GB of DDR2-667 Memory
I/O:	Accommodates many interconnect technologies, including: Fibre Channel, Infiniband and 10 Gigabit Ethernet.
Graphics:	High Performance nVidia GeForce and Professional Quadro FX graphics; robust cooling and power subsystem to support SLI and genlock configurations.
Display:	Three integrated 17" SXGA LCD panels with a maximum 1280x1024 resolution, 5 ms latency.
Storage:	Up to three removable disk drives, 1.0 TB 7,200 RPM SATA or 300 GB 15,000 RPM SAS.
Other Features:	Slim DVD-RW Drive, Hardware or Software RAID for performance or redundancy, supports Windows and Linux.



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