



Granite

The Granite server by Hybinette, Inc. is designed to meet the needs of 24-hour, 7-day a week, businesses with massive file requirements. When reliability, extremely fast, high performance file transfer capabilities, minimal downtime and the ability to continually expand system capabilities are paramount, the Granite is the solution. Configurations range from Intel-based systems to UNIX systems.

*"The ultimate
in performance,
reliability and
expandability"*

The Zativa hardware-independent RAID controller offers the ultimate in performance and reliability. The hardware independence assures you of a modular cross-platform system upgrade path.

Every module in the Granite has hot-swappable, redundant power supplies and fans. Every system module comes with redundant mirrored system drives. Increase reliability with redundant Zativa RAID controllers, multiple system modules and clustering options.

Granite's unique multi-platform, modular design and Hybinette's extensive knowledge of specific industries, create a truly future proof system. Protect your investment and customize server upgrades to your needs.

- Enjoy the fastest performance of any CPU on the market
- Tackle the most demanding software applications
- Simplify operator training
- Eliminate computing bottlenecks
- Relax with the best warranty service in the business
- Future proof your business with our infinitely upgradeable Granite


HybinetteTM
 supercomputer technology

BASIC RACK

- 60"-19" rack
- Rackmounted 15" color monitor
- Keyboard in sliding drawer
- Bus mouse
- AC power distribution switch

Hardware

INTEL QUAD XEON SYSTEM STANDARD FEATURES:

- Quad 2.4 GHz Xeon CPUs
- 4 GB RAM expandable to 32 GB
- 400 MHz Front Side Bus
- (6) 64 bit PCI-X1000 MHz slots
- (3) USB ports
- 700 Watts hot-swap power plus additional 350 watt standby supply

INTEL DUAL XEON SYSTEM STANDARD FEATURES:

- Dual 3.2, 3.4 OR 3.6 GHz Xeon CPUs
- 1 GB RAM expandable to 4 GB
- (2) 64 bit 66 MHz PCI bus
- (4) 32 bit 33 MHz PCI bus slots
- (1) 4xAGP Pro slot
- Dual redundant hot-swap power supplies

* All systems are equipped with (2) 36 GB 10K RPM SCSI SCA mirrored system drives, CD/RW, ROM, 1.44 MB 3 1/2" floppy drive and Windows or Linux operating system.

RAID FEATURES:

365 GB to multiple Petabytes of storage -- each RAID controller is scalable to 240 Terabytes.

Zativa 10k -- 128 MB cache, 19" chassis

RAID controller with 8 Independent 2 GB Fibre channel connections

G-RANK-365 SCA 10K -- 365 GB RAID storage 10,000 RPM drives

G-RANK-730 SCA 10K -- 730 GB RAID storage 10,000 RPM drives

G-RANK-1.5 TB SCA --1.5 TB RAID storage 10,000 RPM drives

IntelliEye™ Monitoring

SmartEye™ Monitoring

Backup

Fibre channel cards

Physical Specifications:

Height: 58" Width: 19" Depth: 27"

Environmental Specifications:

- Ambient temperature: 40-80 degrees F
- Relative humidity: 10-90% non-condensing