



**64-bit**  
INTEL® XEON®  
PROCESSOR

**63%**  
PERFORMANCE GAINS

## Global IT, Always Out Performing Today...and Tomorrow

Global IT Communications goes the distance to increase performance and efficiency in its newest generation of servers. The latest 64-bit **Quad-Core** Intel® Xeon® processors deliver performance gains of up to 63%<sup>2</sup> over the previous generation Dual-core processors.

Global IT Communications servers are using **Quad-Core** Intel Xeon 5300 series (Clovertown) processors which have up to 40% greater performance per watt than the 9G PowerEdge servers using Dual-Core Intel Xeon 5100 series (Woodcrest) processors.<sup>1</sup>

A dual 1333MHz FSB facilitates better speed. 64-bit memory addressability provides scalability for large memory footprint applications.

### Memory



**DUAL**  
**1333** MHz  
FSB

Global IT Communications 9th Generation servers offer up to 32GB of fully-buffered DIMM memory, twice the memory capacity of the previous generation. This allows for simultaneous reads/writes of memory and can help improve performance in virtualized workloads.

### Storage

Serial-Attached SCSI (SAS) hard drives deliver the next generation of SCSI performance and reliability for critical business applications, while SATA options provide greater value for systems that rely on external storage and fiber-channel storage.

- Tier-1 World Class 3<sup>rd</sup> Generation Data centers Equinix/IBM & Level 3
- Multiple and Diverse Redundant Network Connections up to 10Gbps
- Multiple and Diverse Redundant Power sources
- Earthquake Seismic Safe with Raised Floor and Drop Cabling
- BIO metric Secure with 24/7/365 Video Motion Detection Scanning
- Minimum Quad Core Intel processor 2.6GHz and more
- Minimum 2<sup>nd</sup> mirrored Hard Drive
- RAID options with integrated controllers
- 4 x 512MB / 2GB RAM Standard up to 32GB
- Unlimited Storage and Backup Space
- Virtual Storage Solutions
- Specialized Web hosting services
- Specialized Email Services
- Advanced IT Services
- [Web and Programming builds](#)
- Spam Filtering services
- IT Management and Support
- Online Customer Portals

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PERFORMANCE**  
Contact a Global IT  
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