

Networking ▪ VoIP ▪ Storage ▪ Security ▪ Workspace Solutions ▪ RFID ▪ POS ▪ Portable Electronics & Accessories ▪ A/V ▪ System Integration

Customized Computers and Blade Servers

We utilize a network of configuration centers throughout the United States including New Jersey, California, Indiana, Tennessee, Texas, and South Dakota. We configure for all of the leading manufacturers including HP, Dell, Apple, IBM, Lenovo, Gateway, Sony, Toshiba, Fujitsu, Panasonic, and Premio as well as white box clones.

To reduce your total cost of ownership and get the longest useful life possible for any system, GHA recommends buying the largest system possible. Touching it once and getting four years is less expensive in the long run as opposed to buying and configuring two or three systems every 18 months. If you are short on budget, GHA can assist you with zero interest for six months or a zero to low interest lease for up to 60 months.

Servers with the latest Intel processors and an 8 month ROI - Save big money on energy costs!



HP ProLiant ML350 G6 Server

Features Include:

- Intel's latest QPI architecture
- DDR3 memory supports up to 1333MHz
- PCI-E Generation 2
- High efficiency power supply
- Maximum of 8TB of internal storage capacity

IBM System x3650 T

Features Include:

- 2U rack-optimized 20" deep chassis
- Two Intel® Xeon® processors
- 1GB (2 x 512MB) or 2GB (2 x 1GB)
- Open bay (HDD) and 2 x 146.8GB models available
- Dual-redundant, hot-swap DC or AC available



Dell PowerEdge T610

Features Include:

- A 2-socket Intel based tower server
- Management options ranging from basic hardware to asset and security management
- Choice of hypervisor from VMware®, Citrix® or Microsoft® for fast, easy virtualization
- Lifecycle Controller for advanced systems management

Premio - Phoenix DX8E 3U

Features Include:

- Windows® Server 2003 Standard Edition
- Intel® Xeon™ x 2
- DDR2 400MHz Reg. ECC Memory
- 6 memory slots with maximum memory capacity of 16GB
- ATI Radeon® 7000 with 16MB



(ROI explanation continued on the next page)

Server Virtualization Solutions

Apple

Dell

HP

IBM

Microsoft

VMware



If you do not see the product that you need, just let us know and we will get it for you!

Technologies, Inc. *“When Service and Delivery Count”*®

Explanation of 8 month ROI on servers (click graph for the Intel website)

	2005	2009	Notes
Performance per Server (relative)	1.0	8.7	Relative performance gain measured by Intel using SPECjbb2005
# Servers	184	21	9:1 server replacement modeled
Total Relative Performance	184	183	Relative Total Performance is Flat
Server Power Watts (idle/active)	228 / 382	174 / 312	Measured during test. Cost estimates assume 8 hrs active and 16hrs idle
Utility Cost per Year (\$)	\$90,294	\$8,502	Electricity costs per year (365d/yr). Assumes \$0.10/kWhr, 2x cooling factor
OS Maintenance Costs per Year (\$)	\$165,600	\$18,900	Estimates a RHEL 1yr license at \$900. Source www.dell.com 12/16/08
Est. Initial Investment \$179,000	Est. Annual Savings \$228,844		→ Estimated 8 month ROI

Desktops

Dell (Desktop remote access) The Dell FX100




This remote access device enables secure remote access to the Dell Precision R5400 rack workstation.

Apple The more powerful iMac.



Now running at speeds up to 3.06GHz.

HP HP Compaq dc7700 Business Desktop PC



Delivers maximum stability, manageability and security with advanced features.

Lenovo IdeaCentre K230




Extensive hard drive storage and high-capacity memory enable you to get more done in less time.

Cybernet All-in-One PC (Inside a Keyboard)



Sony VAIO® JS All-in-one desktop PC



Elegant, space-saving design, the JS is a powerful desktop PC that's built into the back of an eye-catching 20.1-inch, XBRITE-ECO™ LCD.

GHA also carries Tablet Computers and End-of-Lease / Remanufactured computers from all of the top manufacturers



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Laptops

- ACER
- APPLE
- ASUS
- DELL
- FUJITSU
- HP
- LENOVO
- PANASONIC
- SONY



Macbook Air

Apple

The new Macbook Pro:
The world's thinnest and lightest 17 inch notebook.



Dell

Precision M2400
Ultimate Mobility and Workstation Power



Sony

Vaio CS
Up to 2.80GHz Intel® Core™ 2 Duo



Panasonic

The new Toughbook F8
Panasonic's thinnest, lightest-weight Toughbook® computers are a smart choice for busy professionals



Lenovo

ThinkPad (W Series)
Lenovo's most powerful notebook series and the ultimate mobile workstation for business professionals.



HP

HP EliteBook 8000 series
Advanced graphics and performance in a powerful, yet portable 15.4-inch diagonal notebook



Netbooks

New to netbooks? Meet the newest game changer! Here are a few examples for deployment ideas:

- Netbooks eliminate text books; school systems can start saving BIG money and go green by using netbooks.
- Doctors can easily comply with e-script regulations when they travel to visit patients.
- Road warriors can save both time and BIG money by having the required data at their fingertips at all times.
- All workers with a requirement for computing outside the office can easily lighten their load.



SONY

lenovo



TOSHIBA

FUJITSU

DELL





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Client Benefits for Using Configuration Centers

- Save IT Department time with workload
- Resolve installation conflicts and errors
- Efficient, fast, most cost effective
- License legal/OEM software – (reduce risk and save money)
- Freight savings – (everything ships in one box)
- Support remote offices easily
- Consultants – (avoid expensive on site support)
- Eliminate and/or minimize unauthorized parts or unauthorized service personnel
- Buy systems with your exact specifications
- Standardization
- Eliminate Returns – your system and all your installed components will be tested prior to shipping. Ensures 100% compatibility!

ask us
about

- Drive Imaging
- Asset Tagging
- Software Licensing
- Rollouts
- Storage
- Operating Systems
- Application Software Installations

Select your all-time favorite Components (and we have many others to choose from)

- ANTEC** _____ Begin assembling your computer by choosing a case from ANTEC. ANTEC makes top-rated cases with exceptional flexibility and value.
- ASUS** _____ Add a motherboard from ASUS as your next step. Proactive boards automatically and quietly go to work the second that you turn on the computer. The intelligent designs enhance your system performance, easy network connections and improved cooling.
- INTEL** _____ Now you can get notebooks with Intel Centrino 2 with vPro technology in astonishingly thin and light packages. This is the smallest version of Intel® Centrino® processor technology with improved energy efficiency and power savings.
- KINGSTON** _____ Kingston system-specific memory is designed, manufactured and tested to the specifications of each brand name computer system. The design is fine-tuned to match the timing of the system, reduce noise and heat, and allow for the most efficient communication between the memory and the CPU.
- WESTERN DIGITAL** _____ Maximize notebook computer performance with this 7200 RPM, SATA 3 Gb/s, high-capacity hard drive.