Vol. GE216G



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Network Solutions Software Solutions

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Data Center

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## 88%

of IT professionals are investing in a new data center



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ENEFITS



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of IT professionals\* are upgrading for additional capacity

# 61%

believe modernizing is a number 1 priority



## MacBook Pro with Retina display

More power behind every pixel.

#### WHAT'S NEW!

With fourth-generation Intel<sup>®</sup> Core<sup>™</sup> processors, the latest graphics, and faster flash storage, the incredibly advanced MacBook Pro<sup>®</sup> with Retina<sup>®</sup> display moves even further ahead in performance and battery life.<sup>1</sup>

- Intel<sup>®</sup> Iris Graphics (13-inch) and Iris Pro Graphics (15-inch)
- Two Thunderbolt 2 ports 802.11ac Wi-Fi
- OS X<sup>®</sup> Mavericks iPhoto<sup>®</sup>, iMovie<sup>®</sup>, GarageBand<sup>®</sup>, Pages<sup>®</sup>, Numbers<sup>®</sup>, and Keynote<sup>®</sup> apps included

### New MacBook Pro with Retina display models

Model Size		4th Gen Haswell Processor	RAM	Flash Storage	Price	
#9824732	13.3"	2.4GHz Dual-core Intel® Core™ i5	4GB	128GB	<sup>\$</sup> 1294	
#9824733	13.3"	2.4GHz Dual-core Intel® Core™ i5	8GB	256GB	<sup>\$</sup> 1494	
#9824734	13.3"	2.6GHz Quad-core Intel® Core™ i5	8GB	512GB	<sup>\$</sup> 1794	
#9824735	15.4"	2.0GHz Quad-core Intel® Core™ i7	8GB	256GB	<sup>\$</sup> 1994	
#9824736	15.4"	2.3GHz Quad-core Intel® Core™ i7	16GB	512GB	\$ <b>2594</b>	

## **CLOSEOUT MODELS**

Model	Size	4th Gen Haswell Processor	RAM	Flash Storage	Savings	Price
#9510632	13.3"	3.0GHz Dual-core Intel® Core™ i5	8GB	512GB	<sup>\$</sup> 599	\$1599 <sup>99</sup>
#9835334	15.4"	2.8GHz Quad-core Intel® Core™ i7	16GB	768GB	<sup>\$</sup> 749	\$ <b>2299</b> <sup>99*</sup>

\*After \$50 mail-in rebate. Offer valid until July 31, 2014 and while supplies last. Go to pmc.com for latest rebate offers.

## MacBook Air

Performance meets endurance.

### MacBook Air models

 #13036492 11.6" 1.4GHz Dual-Core Intel® Core™ i5, 4GB, 128GB
 \$894

 #9690642 11.6" 1.3GHz Dual-Core Intel® Core™ i5, 4GB, 256GB
 \$969<sup>99</sup>

 #13036493 11.6" 1.4GHz Dual-Core Intel® Core™ i5, 4GB, 256GB
 \$1094

 #13036494 13.3" 1.4GHz Dual-Core Intel® Core™ i5, 4GB, 128GB
 \$994

 #13036496 13.3" 1.4GHz Dual-Core Intel® Core™ i5, 4GB, 256GB
 \$1194



<sup>1</sup> Compared with the previous generation MacBook Pro with Retina display. <sup>2</sup> Battery life varies by use and configuration. See www.apple.com/batteries for more information.



## iPad Transform your organization.

Whether it's iPad Air<sup>™</sup> or iPad mini<sup>™</sup> with Retina display, there's an iPad<sup>®</sup> for every organization. With a thin and light design, powerful features, built-in apps, iOS 7, and thousands of apps from the App Store<sup>SM</sup>, iPad transforms the way you work.







iPad Air starting at \$499!\* Available in space gray or silver.

\*Price is as of July 1, 2014, is subject to change, does not include taxes or shipping, and is U.S. pricing. Apple, the Apple logo, GarageBand, iMovie, iPhoto, Keynote, MacBook Air, MacBook Pro, Numbers, Pages, Retina and OS X are trademarks of Apple Inc., registered in the U.S. and other countries. iPad Air and iPad mini are trademarks of Apple Inc., Apple Inc., and other countries and is used under license.





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#### Intel

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- 4<sup>th</sup> gen Intel<sup>®</sup> Core<sup>™</sup> i3 processor (4MB cache, 2.90GHz)
- 4GB DDR3 SDRAM 500GB SATA HDD
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# Optimized for productivity



## HP ElitePad 1000 G2 Tablet

Go beyond everyday business with the HP ElitePad. Powered by the latest Intel<sup>®</sup> Atom<sup>™</sup> processors, this thin and light Windows<sup>®</sup> 8 tablet puts productivity and efficiency right at your fingertips. It expands its potential with a complete suite of accessories designed to help you do more. Easy to deploy and manage with enterpriseclass security, the HP ElitePad moves your entire business ahead.

## Low profile, high impact

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## Engineered with IT in mind

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Listin 👧

- Quad-Core Intel<sup>®</sup> Atom<sup>™</sup> Z3795 (2MB Cache, 1.60GHz)
- 64GB eMMC SSD 4GB LPDDR3 SDRAM
- 10.1" multi-touch display 1920 x 1200 resolution
- 802.11n Wi-Fi, Bluetooth 4.0 LE



## Customize your ElitePad with HP accessories

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Extra	Lasting	Your	In One
Inputs!	Battery!	PC!	jacket!
HP ElitePad	HP Expansion	HP ElitePad	HP ElitePad
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only \$79 #9431220	only <b>\$89</b> 99 #9431223	only \$119 #9431207 (ElitePad and keyboard not included)	only \$ <b>206<sup>99</sup></b> #9601312



## Surface Pro 3

Multi-task in complete style

#### Ready for work

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- 12" ClearType Full HD Display
- 4th gen Intel<sup>®</sup> Core<sup>™</sup>i3 processor
- 64GB storage, 4GB RAM
- Bluetooth 4.0 LE, 802.11n/ac

## starting at \$79999 #13156226

Dimensions:

11.5" x 7.93" x 0.3"

## 2160 x 1440 2K colorcalibrated screen

Full HD display

Screen size:

## Get more done **Revolutionary laptop**

Surface Pro 3 delivers the power, portability, and productivity you need.



Large screen,

The 12" screen makes it

light form

easy to get work done - and its just 1.76

Ibs light. At just 36" thin, Surface Pro 3 is

the thinnest laptop on the market.

## Work anywhere Multi-position Kickstand

The integrated Kickstand now features multiple positions so you can work comfortably whether you're on the plane, at your desk or in front of the television.



## Totally versatile

Dock and do more Convert into a desktop workstation with optional Docking Station for Surface Pro 3, instantly connecting to power, external monitors, and full-size keyboards.





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Surface Type Cover 3

Surface Pro 3 into a premium laptop.

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12" ClearType

Up to 9 hours of web browsing

Batterv Life:



4th generation Intel®

Processor:

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Core™ i3, i5 or i7



"(O)

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Optimized to fuel business growth, this 21.5" all-in-one is the perfect marriage of performance, next-generation design, and productivity-enhancing features.

• 4th gen Intel<sup>®</sup> Core<sup>™</sup> i3 processor (3MB cache, 3.40GHz)

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Lenovo ThinkCentre M83 10AL

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- Intel<sup>®</sup> HD Graphics 4400
- Built-in speaker system



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4th gen Intel<sup>®</sup> Core<sup>™</sup> i5 processor

• Intel® HD Graphics 4600



10





Complete with flexible mounting solutions including support for standard VESA mounts, and fits anywhere yet it still provides reliable, enterprise-level performance

- 4th gen Intel<sup>®</sup> Core<sup>™</sup> i7 processor (8MB cache, 3GHz)
- 16GB DDR3 SDRAM
- Intel<sup>®</sup> HD Graphics 4600





8.3" Lenovo ThinkPad 8

• 10-point multi-touch screen

• Intel<sup>®</sup> Atom processor (1.460GHz)



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- LED backlight multi-touch screen
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DIGITAL OPTICAL ZOOM 4x Digital

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\*Based on laboratory testing. Battery power consumption depends on factors such as network configuration, carrier network, signal strength, operating temperature, features selected, vibrate mode, backlight settings, browser use, frequency of calls and voice, data and other applications usage patterns





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8MP rear and 2MP front cameras for taking high quality pictures—fast!

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## 10.1" Samsung Galaxy Tab® 4

With a 10.1" high-definition touch screen, this Samsung Galaxy Tab 4 10.1 SM-T530NYKAXAR tablet lets you view your favorite media in bright, crisp detail. The 1.20GHz Samsung quad-core processor and multi-window mode help boost your productivity.

- Built-in Wi-Fi, 802.11a/b/g/n
- 3.0MP rear and 1.3MP front-facing cameras
- Pre loaded apps like Dropbox, Samsung, and Netflix
- 1.20GHz Samsung quad core processor

- 1280 x 800 high-definition touch-screen
- 16GB storage capacity
- only **\$373<sup>99</sup>** #13004928

## Enjoy a hands-on, interactive experience

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Perfect for the office and home, Samsung's next-generation Galaxy Tab4 line offers an exceptional multimedia experience in a more premium and portable design, making it ideal for viewing or sharing content with colleagues, friends and family. With Multi Window functionality, you're able to seamlessly switch between apps and windows, as well as drag and drop contents with ease.

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- 1.20GHz Samsung quad core processor
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- Android KitKat operating system
- Built-in Wi-Fi, 802.11 a/b/g/n
- 3.0MP rear and 1.3MP front-facing cameras
- Pre loaded apps like Dropbox, Samsung, and Netflix







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#### Fujitsu Lifebook T732 Tablet PC

FUJITSU

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Produce bold text and smooth color with HP ImageREt 3600 and Original HP LaserJet toner cartridges. You can print documents affordably. Get the same black cost per page as a black-and-white HP LaserJet printer and Reduce energy use with HP Auto-Off Technology. Also save with Instant-on Technology.

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Count on a better value for frequent printing with Original HP high-capacity individual ink cartridges. Every page will look professional, using Original HP pigment inks for vibrant, durable prints. Also creates borderless, doublesided materials for all your business needs.

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Allows you to print via any NFC enabled smart phone, tablet or laptop. Don't worry about your wireless print security because the Offejet Pro 8620 gives you the option to print wirelessly without any network or router access required. Plus you can easily print documents by sending an email to your printer using innovative new HP ePrint technology.

- Prints, copies, scans, and faxes
- Up to 34ppm color and B&W print speeds (vary with use)
- 4800 x 1200dpi maximum resolution
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- 50-page auto document feeder
- Up to 1200 × 1200dpi optical scanning resolution
- 802.11b/g/n Wi-Fi, Ethernet, and USB 2.0



## Your compact print solution

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\*Printer speeds vary with use.

## Adaptors to add more visuals

1111 E E

## TEN mply Better Connections

## 17" Aten Technology KVM console

The CL5708 Slideaway LCD KVMP Switch is a control unit that allows access to multiple computers from a single PS/2 or USB KVM (keyboard, video, and mouse) console. A single CL5708 can control up to 8 computers. The CL5708 offers a space-saving, streamlined approach to KVM switch technology by integrating a keyboard, 17" LCD monitor, and touchpad in a 1U rack-mountable sliding housing.

only \$116299 #7910129



3ft USA Power Cable (Red)



## High performance UPS for premium power protection and peace of mind



## 1 kW APC Smart-UPS 1500 LCD - UPS

The most popular UPS in the world for servers, storage and networks. Trusted to protect critical data and equipment from power problems by supplying clean and reliable network-grade power, Smart-UPS® TM models have long been considered the benchmark for all network and server UPSs. Smart-UPS have extremely high efficiency at low, medium and high load levels making them ideal for today's multi-core or virtualized servers that have varying load consumption.

- Line-interactive UPS
- DB-9 RS-232 Serial, USB ports
- 1.33 kVA/980 load capacity

## \$550 \$469<sup>99</sup> #7070011

		#1910011	000
\$ <b>413</b> 99	670Watt	APC Smart-UPS 1000 LCD	#7973012
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\$ <b>689</b> 99	1kW	APC Smart-UPS 1500 LCD	#8253037
\$ <b>1069</b> 99	1.98kW	APC Smart-UPS 2200 LCD	#8253039
\$1316 <sup>99</sup>	2.7kW	APC Smart-UPS 3000 LCD	#8253040
\$ <b>929</b> 99	/ide	APC NETSHELTER SV 42U W	#9648376



## Don't let power problems damage **CyberPower** critical equipment and destroy data

## CyberPower PR1500LCD Smart App Sinewave Tower UPS 1500VA/900W

Power protection designed for corporate servers and networks, storage appliances and telecom installations. This UPS features pure sine wave output, full Automatic Voltage Regulation (AVR), and an extendable multifunction LCD control panel to manage UPS power status.

**\$411<sup>99</sup> \$369**99 #9189403

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• Convenient tower design when rack space is limited

control panel

status up to

22



## CyberPower EC650LCD Ecologic UPS 650VA/390W

Safeguard computers, monitors, cable DSL/modems, VoIP routers, and home theater equipment from power surges, spikes and interruptions. Energy-saving ECO outlets (3) shut down power to idle

connected equipment. • 8 outlets (8 surge protected,

- 4 battery backed) • Multifunction LCD panel displays power and battery status
- PowerPanel<sup>®</sup> Personal Edition safe shutdown software

650VA

## \*75<sup>99</sup> \*73<sup>99</sup>#9690588 Check pcmg.com for latest rebate offers

## Take your sensitive data with you on the go

Features an automatic Eco mode that lowers the power consumption by up to 40% when not in use.

## LaCie Rugged Tripple Hard Drive

дгоро

The perfect private

device for syncing,

sharing, accessing,

and protecting your

Private Cloud Storage

Supports any 2.5" SATA HDD

only \$349 #9507449

cloud storage

digital life.

The LaCie Rugged Triple Hard Disk provides universal connectivity: you've got the superior speeds of USB 3.0 and FireWire 800, and full backward compatibility with FireWire 400 and USB 2.0.

You can transfer a 700MB video file in less than 7 seconds with USB 3.0, compared to 25 seconds with USB 2.0. With the Rugged Triple's 7200rpm model, you can even achieve speeds up to 110MB/s. Additionally, you can use the LaCie Mac USB 3.0 Driver to improve data transfer speed on your computer.

Drobo Connected Data Transporter 2TB

Allows you to access digital life from any computer or

mobile device, back it up, collaborate on it and sync it.

• Pre-populated with 2TB of storage capacity

Completely private with encrypted transfer

 500GB storage • FireWire 800 and USB 3.0

- Shock resistant rugged design, includes hardware encryption and automatic backup
- Ultra-compact and portable
- Limited 3 year warranty

\$129<sup>99</sup> \$119<sup>99</sup> #8857441



## WD 1TB My Passport Ultra Portable Drive

Compact design, high capacity and a choice of local or cloud backup. It's Durable, shock tolerant, and reliable.

- Blazing fast USB 3.0 port
- Ultra-portable at 12.8mm thick
- Backs up to drive or to the cloud with Dropbox



**\*119**<sup>99</sup> **\*99**<sup>99</sup> #9751791



# Make the switch to greater power and performance



## HP 2920-24G-PoE+ Switch

Offers you flexible and easy-to-deploy uplinks and stacking coupled with static and RIP routing, robust security and management, enterprise-class features, free lifetime warranty, and free software updates.

The 2920 switch series is a cost-effective, scalable solution for customers who are building high-performance networks. These switches can be deployed at the enterprise edge, in remote branch offices, and in converged networks.

- 20 RJ-45 autosensing 10/100/1000 PoE+ ports
- Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only
- 4 RJ-45 dual-personality 10/100/1000 PoE+ ports
- IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T, IEEE 802.3at PoE+
- 1 dual-personality (RJ-45 or USB micro-B)
- 2 module slots 1 stacking module slot

only \$1649<sup>99</sup> #9606666



Already running EVA and want to make the switch to 3PAR? HP makes it easy with their online import feature.



## Growth in every direction

## HP 3PAR StoreServ 7000 Storage Bases

With rich capabilities and non-disruptive scalability to four nodes, HP 3PAR StoreServ 7000 Storage eliminates compromises between affordability and Tier 1 resiliency by giving you both. It shares the same architecture and software stack with all other HP 3PAR arrays, so you'll not only get the world's most advanced storage platform, but you'll also be able to meet block and file storage needs today and object storage needs as they emerge. This may be the last primary storage architecture you ever need.

- One architecture and single stack from midrange to high end meets storage needs as they arise
- Mixed workload support increases your organization's consolidation opportunities
- Industry-leading thin technology cuts capacity requirement
- Shares management console with all HP 3PAR StoreServ

## **Call for Pricing!**

**#9431531**HP 3PAR StoreServ 7400 4-node Storage Base**#9431530**HP 3PAR StoreServ 7200 2-node Storage Base

CALL! CALL!

## Your maximum speed and storage solution



## HP 3800-24G-PoE+-2SFP+ Switch

Fully managed Gigabit Ethernet switches. There are a total of nine switch models—a 24-port switch, a 48-port switch, a 24-port PoE+ switch, a 48-port PoE+ switch with either SFP+ or 10GBASE-T uplinks, and a 24-port SFP switch with 2 SFP+ uplinks

- 24 RJ-45 autosensing 10/100/1000 PoE+ ports
- Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only
- 2 fixed 1000/10000 SFP+ ports
- 1 RJ-45 serial console port
- 1 RJ-45 out-of-band management port
- 1 stacking module slot

only \$404999 #8974862

## HP 560 Wireless Dual Radio 802.11ac (AM) Access Point

HP 560 802.11ac Dual Radio Access Points Series brings 1.3 GbE performance, faster application processing and increased range to 802.11 clients. Ideal for dense client environments and high-bandwidth applications

- 1 RJ-45 autosensing 10/100/1000 port
- Indoor, plenum rated; Includes two ceiling mounting clips
- 802.11b/g/n, a/n/ac (3) 5 dBi 2.40GHz, (3) 7 dBi GHz
- IEEE 802.11 a/b/g/n/ac





Storage solution that adapts to your changing business infrastructure.

## HP Modular Smart Array 1040 Storage

HP MSA 1040 Storage offers many of the MSA 2040 features but at lower entry price points. ProLiant and BladeSystems administrators as well as IT generalists will find storage management tasks simple and intuitive.

- 28.8TB Raw capacity
- 8Gb Fibre Channel (2) Ports per controller
- MSA 1040 delivers up to 50% faster performance
- Integrated setup and management Web-based Interface
- Systems Insight Manager support included



## HP Modular Smart Array P2000 G3 Storage

Offers high-performance 8Gb FC, Combo FC/iSCSI, 6Gb SAS, 1Gb or 10GbE iSCSI connected arrays designed for efficient storage consolidation.

- High-performance storage array solution
- 2U rack-mountable server
- Offers the flexibility of 2 x RAID 8Gb Fibre Channel
- Hard drive array with 24 bays (SATA-300 / SAS-2)
- Contains dual active and active controllers, dual-ported drives, and redundant hardware components

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## **DATA CENTER MODERNIZATION**



Modern data centers are expected to handle unprecedented work loads. To keep up with demands, turn to PCMG for custom Data Center Solutions.

massive advantages.

Because budgets are tight, IT

departments are stretched thin

Despite the many challenges, it

is important to migrate and bring

and functionality that can deliver

Interestingly, organization size

on the benefits of data center

appears to have minimal impact

modernization. In fact, a greater

percentage of large organizations,

PCMG can help

create a robust

data center that

handles both

today's demands

and tomorrow's

technologies.

compared to smaller organizations,

inadequate budgets, lack of visibility

however, any organization is likely to

benefit from deploying the examined

technologies, in particular server

virtualization, storage virtualization,

into resource usage, and difficulty

face challenges in regards to

adapting to new processes.

Big Data analytics and also

converged infrastructure.

Despite budgetary constraints,

modernization with new capabilities

leaving the organization vulnerable.

he nature of the data center is changing. No longer is it viewed as just a necessary expense, data centers are now being perceived as having the potential to add value to overall functionality. Organizations are realizing that achieving this potential requires investment.

Upgrades designed to modernize are more than just the latest version of a technology already in place. These upgrades are vital improvements. Updating networking, servers, storage, power and cooling, and security devices and applications are all part of the data center conversion for:

- Virtualization
- Cloud
- Big Data
- Converged Infrastructure

Of these, Virtualization, both storage and server, is the most mature and popular of the technologies. Energy-efficient hardware is also popular and is growing. Converged infrastructure, cloud computing as a delivery model and Big Data analytics are being considered.

Organization size is just one factor that effects the organization's decision to move towards modernization. Some of the challenges that organizations face include inadequate budgets, lack of visibility into resource usage, and adapting new processes.

QuinStreet Enterprise Executive Brief. 2014 Data Center Outlook: Data Center Transformation - Where is Your Enterprise? 2013.

### How can PCMG help organizations modernize?

Modernizing the data center can be complicated. PCMG will work with you to plan, implement, and integrate a cost-effective, end-toend solution backed by a highly skilled team of Services engineers, technicians, and project managers. Together with our leading solutions partners like HP, CISCO, APC, ORACLE and Dell, we can help you create a robust data center that handles your organization's rapidly changing demands like :

- Storage Solutions
- Networking Solutions
- Software Solutions
- Environmental Solutions
- Virtualization Solutions
- Cloud Hosting Solutions

## Learn how PCMG

can help you design, implement, secure, and manage your data center. Contact your dedicated Account Executive today.

### **Top Technology Partners**



# How Prepared is Your Data Center?

Tomorrow's data centers will face unprecedented challenges, from the continual rise of mobile devices to the explosion of streaming video.

QuinStreet Enterprise conducted a survey of IT professionals to find out their views on the importance of modernizing the data center for a growing organization.



## **High-speed Hardware for Accelerated Data Centers**

half-height form factor.



Cisco 3925E Integrated Services Router Cisco 3925E Integrated Services Routers (ISR) deliver highly secure data, voice, video, and application services to large branch offices.

THE VELOC

7.2TB EMC VNXe

networked storage, giving

The EMC VNXe series redefines

organizations a combination of

and management efficiency.

enterprise-class features, simplicity,

3150 NAS



## SPARC T5-4 Server

Oracle's SPARC T5-4 server redefines the mid-range with a cost-effective, highly efficient cloud infrastructure platform for Oracle applications, Oracle Database, and middleware deployments.



88%

of IT professiona are investing in a

new data center

#### Quantum



#### Quantum SuperLoader 3 With 16 cartridge slots.

StorageCare Guardian technology, and a built-in bar code reader, the SuperLoader 3 makes it easy and affordable to automate your backup processes.



PCMG holds a number of public sector procurement contracts. 26

## Get compact performance uluilu cisco in all dimensions

Gold Partner

The C260 M2 server has CPU enhancements for greater performance, expandability, and security - as well as reliability, availability, and serviceability (RAS) features.



## Cisco UCS C260 M2 Rack Server with Intel® Xeon® processor

The Cisco UCS C260 M2 Rack Server is one of the industry's highest-density, 2-socket rack server platforms. This important new building block in the Cisco Unified Computing System (Cisco UCS) portfolio offers compact performance for enterprise-critical applications.

#### Future-proof performance

Cisco UCS C260 M2 servers extend Cisco unified computing innovations – including Cisco Extended Memory Technology - to an industry-standard, rackmount form factor. Plus, it is the first rack-mount server available anywhere with a built-in future migration path to unified computing, giving you the flexibility you need to handle the demands of today with an eye towards the dynamic needs of tomorrow.

#### Better performance, lower costs

For IT departments that are looking to increase compute performance, memory capacity, internal storage, or I/O capacity, the Cisco UCS C260 M2 server delivers on all fronts. This expandability allows you to decrease costly licensing fees by increasing

performance without adding new CPU sockets. Applications that are memory-bound today will benefit from more than 1TB of addressable memory that the Cisco UCS C260 M2 server offers.

#### **Key Features**

- 10-core Intel<sup>®</sup> Xeon<sup>®</sup> processor E7-2870 (30MB cache, 2.40GHz)
- 128GB DDR3 SDRAM, expandable to 1TB
- 16 hot-swappable drive bays
- Quad-port Intel<sup>®</sup> Gigabit ET network adapter
- Two 1200W power supplies
- Includes RAID Battery Backup Unit, 2 x CPU Heatsink, rack rail kit
- · Comes with 3-year limited warranty replacement and next business day response time

## Call for Pricing! #9104165 #8831724 Cisco C260 M2 Rack Server: Open CPU Socket

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\$276999

## Oracle<sup>®</sup> Maximizes the Value of SPARC T5 Servers with Sun ZFS Storage Appliance



## SPARC T5-2 Servers

Oracle's cutting-edge SPARC T5-2 server is an ideal platform for business-critical applications that demand an elite level of computational performance. This versatile, two-socket system provides extreme compute density with 32 cores and up to 512GB of system memory - all within a 3U enclosure.

- World-record performance
- Unmatched price for the performance
- Supports Oracle Solaris, the most widely used UNIX OS for enterprise computing and cloud infrastructure
- Built-in virtualization with Oracle VM Server for SPARC
- Highest levels of reliability, availability, and serviceability
- Runs Oracle Solaris 11 and Oracle Solaris 10



With full support for Oracle Virtual Networking for data center fabric, the SPARC T5-2 reduces infrastructure complexity and cuts operating expenses.

## Add an extra layer of intelligence to your storage systems with Sun ZFS

## Oracle ZFS Storage ZS3-2

Performance, Efficiency, and Oracle Integration Oracle's application engineered storage system delivers extreme efficiency and better value, reducing cost, complexity, and risk while increasing performance.



The Sun ZFS Storage Appliance is Oracle's preferred NAS storage system with unified storage capabilities for enterprise tier-1 environments. It offers a rich set of enterprise-class data services, industry-leading performance, and Oracle Hybrid Columnar Compression for Oracle Databases.

These systems also feature a comprehensive, intuitive user interface and analytics environment that offers unmatched ease of use and simplicity. This reduces operating expenses by dramatically reducing management time and complexity. Plus, the Sun ZFS Storage Appliance design automatically optimizes performance over storage tiers, delivering breakthrough performance and simplifying storage management.

- Engineered specifically for SPARC T5 servers
- Maximize return on Oracle software investments
- Extreme performance High availability
- Superior price per performance and price per gigabyte
- Industry-leading Backup/Recovery performance
- Lower TCO than competitive systems





## Introducing Proliant Gen8

HP's Industry's leading servers just got faster, smarter & more efficient!



An intelligent, highly scalable, efficient infrastructure is required to meet the challenges in the new style of IT. And once again HP is leading the way to meet these demands.

HP ProLiant servers, the world's most intelligent servers, just got faster, smarter and more efficient so your business can embrace this technology shift. The next wave of ProLiant Gen8 innovations are designed to deliver the intelligence necessary to optimize your data center and accelerate performance to support a wide range of complex IT demands from Cloud-based applications to Social Media, Big Data, and Mobility in a virtualized environment. With an intelligent and efficient data center based on the leading HP Converged Infrastructure strategy, you can build a strong foundation for your business and protect your infrastructure investments. These customer-inspired innovations deliver real business results with a 5 month ROI, helping you transform your data center to better compete and grow your business today, while being ready for what's next.

Invest in your future today and start to realize the cost savings in your new style of IT in a few short months.

## Call your IT Consultant today! **1.800.625.5468**

## Top class performance with enhanced flexibility





to 512GB of RAM — including 1.35V low-voltage memory. Plus, the iLO Management Engine helps automate your data center upkeep, improving your uptime while driving down maintenance costs. Call your Account Executive today to learn more about BL460c servers.



## HP ProLiant BL460c G8 Server

- Two 6-core Intel® Xeon® processors E5-2620 (15MB cache, 2GHz)
- 32GB DIMM memory, expandable to 512GB
- HP Smart Array P220i/512MB FBWC controller
- Dual-port 554FLB 10Gb network adapter
- Enclosure-based power

## only \$2964<sup>99</sup>#9084829

## HP ProLiant BL460c G8 Server

- Two 6-core Intel® Xeon® processors E5-2640 (30MB cache, 2.50GHz)
- 48GB DIMM memory, expandable to 512GB
- HP Smart Array P220i/512MB FBWC controller
- Dual-port 554FLB 10Gb network adapter
- Enclosure-based power

## only \$3960<sup>99</sup>#9084832



## ProLiant add-ons to give you even more



HP 4GB Low Power 1333MHz DDR3 Memory Turbo-charge your new Gen8 server with HP's high-speed, low-voltage ECC memory



## **HP** Care Pack

HP Care Pack: 3 Years of 4-Hour Same Business Day, On-Site Hardware Support Increase equipment availability and productivity with round-the-clock, on-site, and remote support

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The Dell<sup>™</sup> PowerEdge<sup>™</sup> VRTX is a powerful, scalable, easy-to- manage solutions platform, optimized specifically for office environments. The optimized platform integrates up to four PowerEdge M-series server nodes, storage, networking and management into a compact 5U chassis. Integrate networking through the 1GbE internal switch module or an optional Ethernet pass-through module with eight 1GbE ports.

Take advantage of flexible, expandable I/O with eight PCI Express<sup>®</sup> (PCIe) slots — three full height/ full-length and five low-profile/half-length. Capitalize with redundant 1100W AC power supplies, fans, blower modules, and chassis management controllers.

- Integrated IT solution, optimized for office environments
- Simplified systems management
- Up to four 2-socket, half-height PowerEdge M620 and M520 server nodes, or up to two 4-socket, full-height M820 server nodes
- Up to eight PCIe slots
- Up to 48TB storage capacity in chassis





## IBM x3650 M4 with Intel® Xeon® E5 2600V2 processor

The IBM System x3650 M4 blends outstanding uptime, performance and I/O flexibility for cost efficiency and rock-solid reliability. The powerful server offers an energysmart, affordable, and easy-to-use rack solution.

#### Pay-as-you-grow design

Lower costs with more computing power per Watt and powerful processors. Advanced memory support, and greater disk capacity for businesses requiring extreme storage, the x3650 M4 offers balanced performance.





## only \$11989<sup>99</sup>#9800920

Readily accommodates

new workload

investments in

requirements, while protecting existing

hardware, software,

management tools and skills.

#9800921 Dell PowerEdge VRTX M520 Xeon E5-2420 **#9800923** Dell PowerEdge VRTX Rack Chassis #9800922 Dell PowerEdge VRTX M620 Xeon E5-2609 \$12059<sup>99</sup> \$13999<sup>99</sup> \$14129<sup>99</sup>

## X OLOGIC

#### BR 1860 - Host bus adapter PCI Express 2.0 x 8 16Gb Fibre Channel

The Brocade 1860 Fabric Adapter meets all the connectivity needs of cloud-enabled data centers while providing unmatched performance, application-aware services, unified management, and reduced cost and complexity.

BR 1860 Network adapter PCI Express 2.0 x 8 - 10 GigE, 2Gb Fibre Channel

Simple, flexible, and powerful server connectivity adapter designed to extend fabric services to Virtual Machines (VMs) and applications in highly demanding virtualized environments.

#8851760 BR-1860-1F00 16Gb Single Port FC HBA, SWL Optics \$148999 #8851938 BR-1860-1F00 16Gb Single Port FC HBA. SWL Optics \$958<sup>99</sup>





# CLIMATE CHANGE

PCMG will help your organization plan for the unplanned

Restoring system files. Please wait.

81% Complete

aving systems unavailable and people unproductive for days or hours can be disastrous in terms of lost revenue and customer dissatisfaction. In today's 24 × 7 × 365 workplace, you can't afford to be without the technology and information needed to run your agency. And it's not just floods, fires, hurricanes, and tornadoes that can cripple your systems—it's the more common events like hardware failures, bad backups, viruses, and power outages that can impact an organization at any time.

The increasing number of physical disasters and security concerns has forced organization to place a There is no tolerance for downtime in today's environment. Think about the impact on productivity and communications when something as simple as email goes down. Now, consider when critical organization applications are disrupted and the financial impact it could have if you're unable to process requests or carry out vital daily tasks.

Recovery strategies should be developed for systems, applications and data – including networks, servers, desktops, laptops, and mobile devices. IT systems require hardware, software and connectivity. Without one component, the system may not run. Recovery strategies should be

of IT Executives report that purchasing or upgrading
 Business Continuity
 and Disaster Recovery capabilities is a top priority.

high priority on Business Continuity (BC) and Disaster Recovery (DR). According to a Q3 2012 Forrester Research survey, 61% of IT Executives report[ed] that purchasing or upgrading BC and DR capabilities was a top priority.<sup>1</sup> developed to anticipate the loss of one or more of the following:

 Computer room environment (secure computer room with climate control, conditioned and backup power supply, etc.)

- Hardware (networks, servers, desktop and laptop computers, wireless devices and peripherals)
- Connectivity to service provider (fiber, cable, wireless, etc.)
- Software applications (Email, EDI, office productivity, etc.)
- Data and restoration

Some public sector applications cannot tolerate any downtime at all. They utilize dual data centers capable of handling all data processing needs, which run in parallel with data mirrored or synchronized between the two centers. This is a very expensive and complex solution that only larger agencies can afford. However, there are other solutions available for agencies with critical organization applications and data to protect.

The public sector demands for higher levels of IT availability will continue to increase. It's not a question of "if" but "how" IT operations will achieve these demands while still remaining cost effective. PCMG offers products and solutions that can help you to get back up and running when a disaster strikes. From backup software to power and cooling and more, we've got you covered.

<sup>1</sup>Available from http://bit.ly/NWmH2j

## Protect your data center and your bottom line with affordable disaster recovery products.



#### **Dell KACE K2000 Deployment Appliances**

Dell<sup>™</sup> KACE<sup>™</sup> K2000 Deployment Appliances represent a fully integrated systems provisioning solution that can help eliminate the complexities of softwarebased deployment processes through a simple interface and comprehensive functionality.

• Keep costs low with plug-and-play deployment and self-healing capabilities.

## **Call for Pricing!**





## Give your software an update



## For security and productivity

## CA arcserve UDP easy-to-use, comprehensive assured recovery<sup>®</sup> Benefits to your business:

- Unmatched ease of use
- Assured recovery for physical and virtual environments
- Available on-premise or in the cloud
- Improved recovery time and recovery point objectives delivery
- Unified backup, replication, high availability and true global de-duplication



#### only **\*919**<sup>99</sup>#13025599 #13025612 CA ARCserve UDP v5 Premium Edition #13026083 CA ARCserve UDP v5 Premium Plus Edition

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without any of the complexity.

Protection you can't beat

security can be deployed

economical, and effective

security for all users on-site,

instantly for complete

coverage everywhereEasy to manage,

roaming or remote

Provides endpoint

protection for both

No server to set up:

Windows and Macs

Delivers security as a service from the cloud and

everywhere with all the essential endpoint protection

deploys instantly, providing complete coverage

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   A product within 10 du
- To request a return authorization number, please call your Account Executive at the phone number listed on the front of this packing slip.
   Tape the return label provided to you on the
- Tape the return label provided to you on the vot and ensure the return authorization number is clearly marked. Do not write on the original manufacturer's box.
- Returned product(s) must be complete including manufacturer's original package, accessories, software and manuals. Incomplete returns may be refused.
   A product must be received in our warehouse
- within 10 business days from the date the return authorization is given. The customer is responsible for all return shipping
- costs. COD shipments will not be accepted.We are not responsible for lost or stolen packages.
  - We recommend using a courier that can track your package with a tracking number.
- Pack your return securely. We recommend insuring it for your protection.
- All other policies are in accordance with the policies published in our latest catalogs and on our website www.pcmg.com.
- We are no responsible for integrity or backups of data on any drive returned to us even if included in a system.
   Subsequent to an exercise a statistical and any data of the second statement of the
- Subsequent to an approval authorization, a credit to an account or issuance of a check can take up to 30 days.
   Missing a substance of a check can take up to 30 days.
- Missing a rebate? Look it up on our website: www.pcmg.com or call your Account Executive.

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