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Windows 8 Systems

Dell Latitude 10

Built for work. Great for fun.



The Dell Latitude 10 tablet integrates right into your business environment, delivering go-anywhere productivity to mobile professionals.

- 10.1" HD display (1366 x 768)
- Intel® Atom™ Z2760 1.80GHz
- 32GB SSD
- 2GB DDR2 SDRAM
- Windows® 8 Pro 32-bit

Only **\$449⁹⁹** #9514000



12.5" Dell XPS Ultrabook™



3rd gen Intel® Core™ i5 1.80GHz, 4GB RAM, 128GB SSD, 1920 x 1080 Resolution #9597053

only **\$1199⁹⁹**

14" HP EliteBook Folio 9470m



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only **\$1169**
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11.6" HP EliteBook Revolve 810 G1

NEW!

3rd gen Intel® Core™ i5 1.90GHz, 4GB RAM, 128GB SSD, 1366 x 768 Resolution #9513458

only **\$1489⁹⁹**



10.1" Lenovo ThinkPad Tablet 2



Intel® Atom™ Z2760 1.80GHz, 2GB RAM, 64GB SSD, 1366 x 768 Resolution #9395218

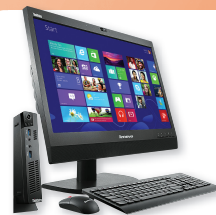
only **\$1199⁹⁹**

12.5" Lenovo ThinkPad Twist



3rd gen Intel® Core™ i5 1.70GHz, 4GB RAM, 500GB HD, 1366 x 768 Resolution #9390817

only **\$829⁹⁹**



Lenovo ThinkCentre M92p 2988



3rd gen Intel® Core™ i5 vPro™ 3.20GHz, 4GB RAM, 500GB HD, DVD-Writer Drive #9420392
Display Sold Separately

only **\$680⁹⁹**

Mobility: The New IT Reality

Mobile device usage is on the rise, but is your infrastructure ready to handle the demands?
Page 12

Transforming IT Strategies with Cloud

60% of enterprises have adopted Cloud computing, and PCM can help you make the switch.
Page 48



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Intel

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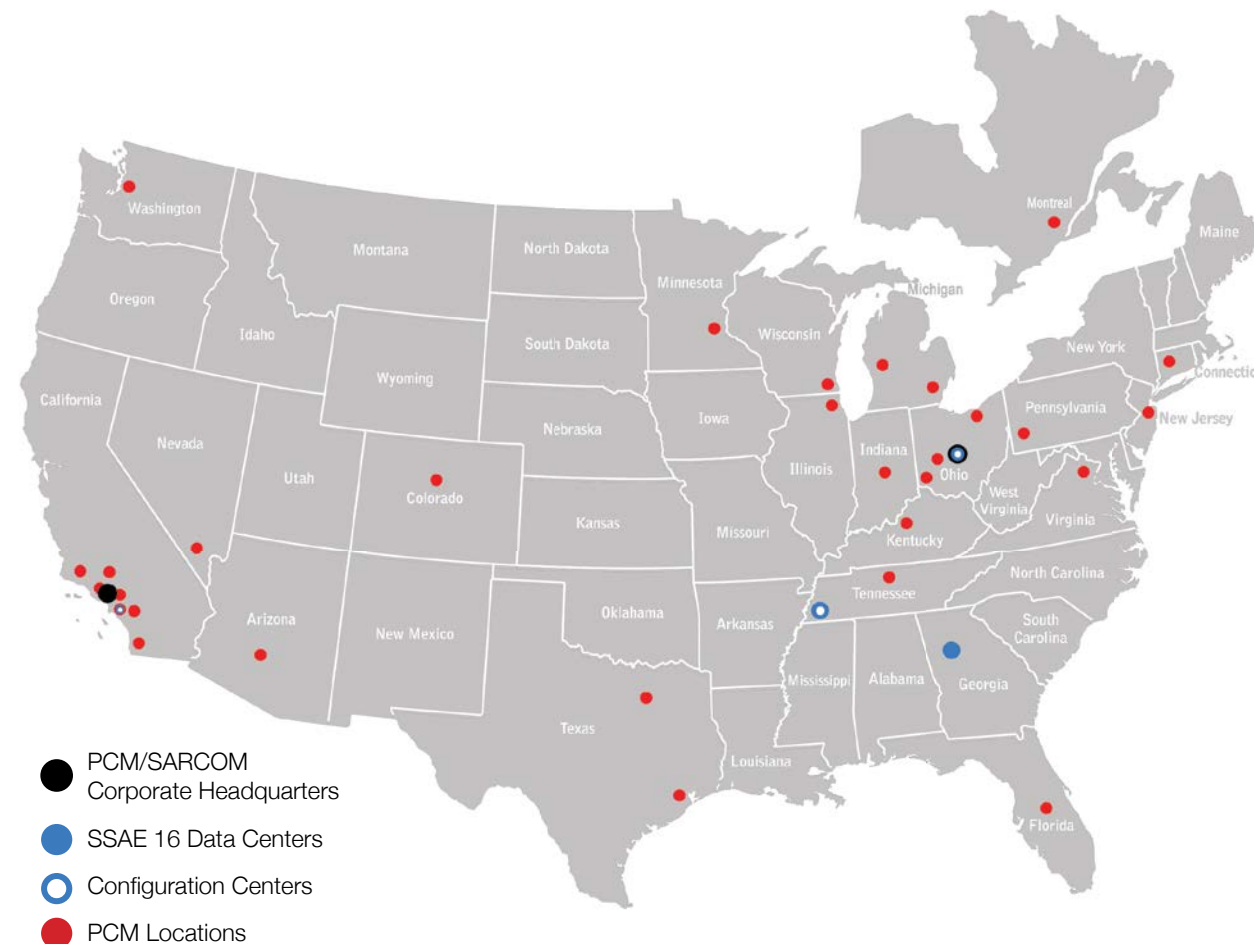
PCM goes green!

The paper used in this catalog, except for the inserted material, was printed on paper certified under the Sustainable Forestry Initiative program, which integrates the perpetual growing and harvesting of trees with the protection of wildlife, plants, soils, and water.



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PCM delivers comprehensive IT solutions across the U.S.



Coast-to-coast coverage with local attention

PCM offers exceptional procurement and logistics for a broad array of IT products, consulting, and implementation services delivered through over 1200 Technical Professionals and a rich array of managed and operational services to allow your organization to lower costs, increase agility, improve efficiency, and succeed in today's global economy and beyond.

Since 1987, PCM has been a leading provider of IT products, services, and solutions to businesses, government agencies, education institutions, and healthcare facilities. We provide direct access to over 300,000 IT products and the industry's largest portfolio of technology services. Services like assessing your infrastructure, deploying new technologies, and managing your systems. No matter your IT goals, we have the experience and expertise to make them a reality.

No matter where your business resides — from the icy shores of Alaska to the sun-soaked beaches of Miami — PCM provides exceptional IT services across the entire United States. Along with our main campuses in California, Illinois, Ohio, and Virginia, we have satellite offices situated in key states throughout the U.S. That way, we're able to deliver national reach while treating every client like our neighbor next door.

Our deep portfolio of IT services allows us to handle all of your technology needs



PCM goes beyond hardware and software to offer a full portfolio of services that are built on industry standard ITIL processes and adaptable to your changing business requirements. We have over 1200 Service Engineers, Technicians, and Project Managers focused on finding, deploying, and managing the right services for your organization to help you realize ongoing business value from your technology investments.

Consulting & Implementation Services



Enterprise Mobility Management Services

- Mobility domain expertise
- Best-in-class management solutions
- Service desk support
- Application development

Networking Services

- National team of certified engineers
- Advanced technology partner (Cisco & HP)
- Network & physical security services
- Robust wireless solutions

Data Center

- Infrastructure design & deployment
- Data center consolidation
- Private cloud & virtualization
- Business continuity services

Application Services

- Productivity, infrastructure, & ERP applications (Microsoft, VMware, Citrix, Symantec, JD Edwards)
- Licensing, implementation, & upgrades
- Hosting & support services

Cloud

- Private cloud solutions
- HP cloud Center of Excellence
- Hybrid cloud services
- Operational expertise

IBM iSeries

- Certified iSeries experts
- Outsource management support
- iCloud services
- Disaster recovery services

Outsourced Managed Services



Data Center Hosting

- Dedicated hosting
- Private cages, racks, & managed space
- Integrated cloud services
- Backup & recovery services

Service Desk

- Desktop, mobile, & applications
- Tier 1 and Tier 2 support options
- Industry-leading tools
- Built on ITIL standards

Field Support Services

- Complete outsourcing options
- Direct out-tasking programs
- Standard IMAC delivery nationwide
- Short- and long-term projects

Break/Fix

- Centralized dispatching
- Warranty & non-warranty support
- Hardware & software services

Remote Monitoring

- 24x7x365 operations center
- Unified management platform
- Incident & performance reporting
- Configuration & asset tracking

Managed Services

- 24x7x365 proactive management
- Security patch management
- Unified management platform
- Built on ITIL standards

Staffing

- National recruiting team
- Flexible engagement options
- Technical & back office support
- Employee benefit programs

Cloud

- Public cloud offerings
- IaaS: servers, storage, & network
- SaaS: email, antivirus, & SharePoint
- Hybrid cloud services

Procurement & Logistic Services



eProcurement

- Quick access to hardware & software from over 1700 leading technology manufacturers
- Faster procurement & reduced costs
- Automatic product tracking
- Integration into existing ERP systems

Distribution Facilities

- Storage of constrained products
- Deployment projects
- Redeployments
- Equipment refreshes

Imaging Services

- Standard device imaging
- Complex imaging services
- Profile & user configurations
- Asset management & reporting

Logistics

- Shipping through all major carriers
- Just-in-time delivery
- SKU-based asset management
- Inventory reporting

Product Staging

- Storage of constrained products
- Deployment projects that might spread out over many months
- Redeployments
- Equipment refreshes

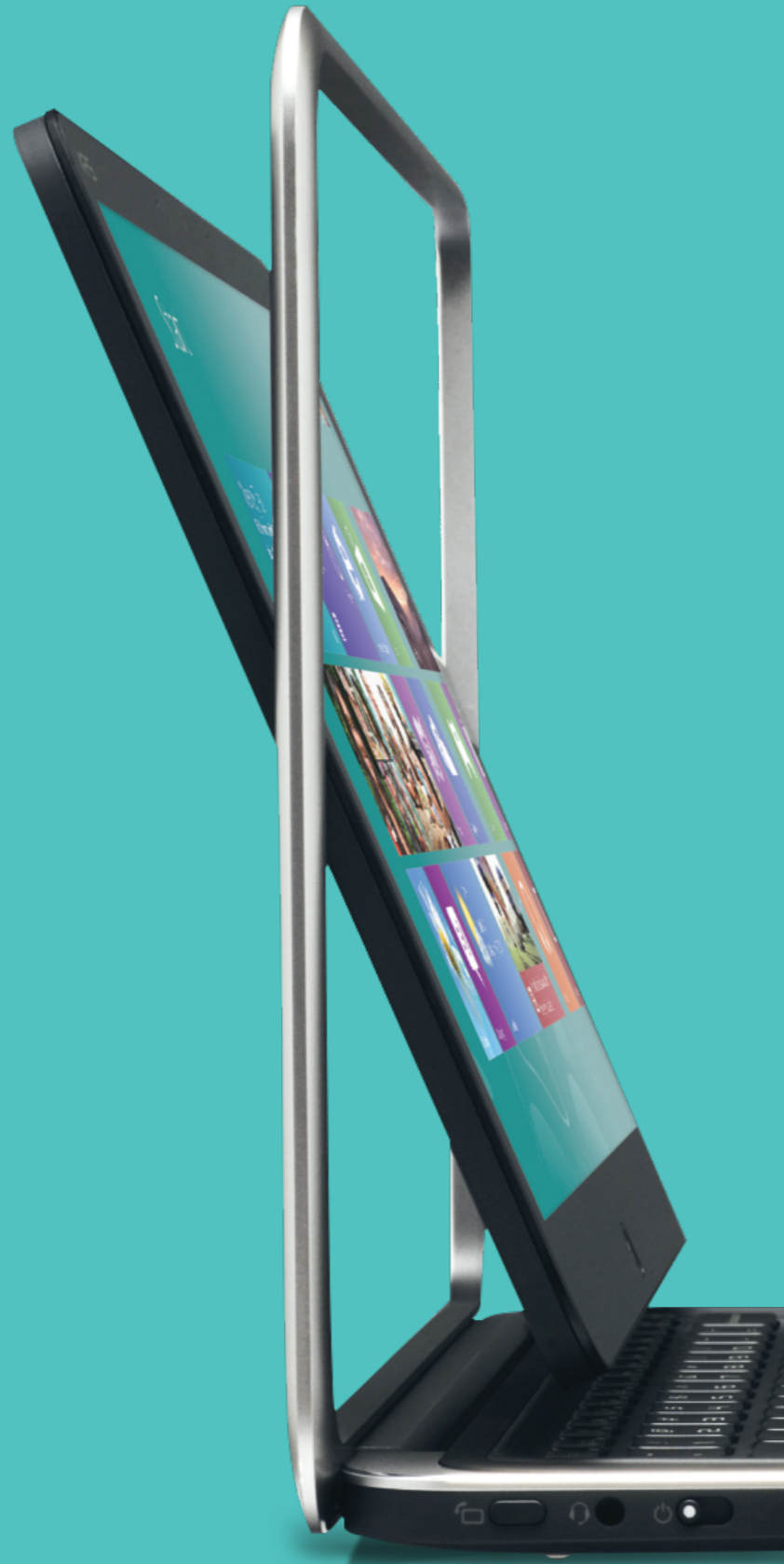
Integration

- Image development & management
- Asset tagging & reporting
- Device configuration
- Device activation

Refurbishment

- Data wiping & destruction
- Disposal of electronic equipment
- Redeployment services
- Resell or recycling
- Asset management & reporting

No negotiations needed.



Meet the all-new Windows 8 Pro

The best Windows ever

Windows has a new beautiful, fast, and fluid design. With Windows 8, you can use touch as well as a mouse and keyboard together to do what you want, the way you want. And because it works alongside existing Windows 7 systems, apps, and peripherals, it easily integrates into virtually any environment. The same keyboard shortcuts, management tools, security features, and deployment options are still available in Windows 8 – only better.

Modernize your tools

Today's Windows 8 PCs are the best ever with a full line-up of tablets, convertibles, and laptops. The amazing new designs are thinner, lighter, faster, and provide the latest security technologies. Windows 8 offers the familiar desktop you use today plus faster boot times, longer battery life, less memory use, and amazing new features such as live tiles, search, and touch.

Have it your way

With Windows 8, you don't have to compromise. Because it's built to run on existing hardware, multiple processor platforms, and new and emerging devices such as notebooks, Ultrabooks™, and tablets. Windows 8 delivers experiences individuals love and enterprise-grade solutions that IT professionals need. The Windows 8 shared core architecture enables your organization to write apps that can be shared easily across all devices. Regardless of form factor, your Windows 8 experience is fast, fluid, and effortless.

A great Windows experience no matter the device. From tablets and convertibles, to laptops and desktops.

 Windows 8 Pro

There's no comparison

Windows 8 PCs are faster, more secure, and take full advantage of today's technology

	Windows XP Professional*	Windows 7 Professional	Windows 8 Pro	
Productivity	Start Screen with live tiles brings everything you care about front and center		✓	
	Great apps built-in such as Mail, Calendar, Messaging, and SkyDrive, with many more available at Windows Store		✓	
	Snap, Peek, and Shake features improve multi-tasking and save time		✓	
	Look through apps, documents, and your entire PC with one simple Search		✓	
	Works with Windows desktop software , including the full Microsoft Office experience	✓	✓	✓
Security	Run many older Windows XP productivity apps with Windows XP Mode	✓		
	Includes Internet Explorer 10 for more secure, fast, intuitive browsing		✓	
	Trusted boot helps ensure your device is secure every time it starts up		✓	
Mobility	Provides enhanced data protection with BitLocker and BitLocker To Go drive encryption		✓	
	Enables you to connect to your PC when you're on the go with Remote Desktop	✓	✓	✓
	Access important network files even when you're not connected with Offline Files	✓	✓	✓
Control	Location Aware Printing automatically prints to the correct network printer, whether at home or at work		✓	
	System reset/refresh lets you easily reset your PC to original manufacturer settings with one click		✓	
	Connect to your business network with domain join and manage devices, security, and IT policies on multiple PCs through Group Policy	✓	✓	

Apps from the Windows Store vary by market; *Service Pack 3 (SP3)

Optimized for Windows® 8



32GB HP ElitePad 900 G1 Tablet

Go beyond everyday business with the HP ElitePad. Powered by the latest Intel® Atom™ processor, this premium thin and light Windows® 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 enterprise-class security, the HP ElitePad moves your entire business ahead.

Low profile, high impact

With high-quality materials and craftsmanship, the HP ElitePad both looks great and works hard — from the boardroom to the warehouse. The Corning® Gorilla® Glass 2 and machined aluminum make it tough enough to survive life on the road. In fact, HP put the ElitePad through the ringer, subjecting it to 115,000 hours of testing and end-to-end diagnostics. And when the dust settled, the ElitePad was still going strong.

Engineered with IT in mind

HP ElitePad is designed to work with your existing IT environment and gives you a familiar enterprise-class setup experience. HP Global Services and HP Custom Integration Services make it easy to deploy the ElitePad across a worldwide enterprise.

- Dual-core Intel® Atom™ processor (1MB cache, 1.80GHz)
- 2GB LPDDR2 SDRAM • 32GB SSD storage
- 10.1" Multi-Touch display • 1280×800 resolution
- Windows® 8 Pro 32-bit operating system

only **\$649** #9430862

#9430845 64GB HP ElitePad 900 G1 Tablet

\$699



Samsung's SuperBright Plus display is 36% to 50% brighter than conventional tablet and laptop displays, delivering an unbeatable visual experience.

Notebook power meets tablet mobility

Samsung ATIV Smart PC Pro 700T

Serious mobile professionals crave speed and flexibility. Both are attainable with the Samsung ATIV Smart PC Pro 700T. On the one hand, it's an ultra-thin tablet. On the other, it's a full performance PC. Together, it's one serious solution for go-anywhere business computing.

- 3rd gen Intel® Core™ i5 processor (3MB cache, 1.70GHz)
- 4GB DDR3 SDRAM • 128GB hard drive

- 11.6" Multi-Touch LED-backlit HD display (1920×1080)
- 802.11b/g/n wireless • Bluetooth 4.0
- Intel® HD Graphics 4000
- microHDMI and USB 3.0
- Windows® 8 Pro 64-bit Edition

only **\$1399⁹⁹** #9404223

Customize your ElitePad with HP-made accessories

HP Smart Buy ElitePad Case

Carry your HP ElitePad in an executive-style case that doubles as a stand for comfortable viewing.



Case & Stand!

only **\$37⁹⁹** #9431210

HP ElitePad Rugged Case

For maximum protection against accidental drops, wrap your ElitePad with this custom-sized case.



Tough Defense!

only **\$64⁹⁹** #9523463 (ElitePad not included)

HP ElitePad Expansion Jacket

Expand your connectivity with the ElitePad Jacket's two USB ports and HDMI video output.



Add Inputs!

only **\$69⁹⁹** #9431220

HP ElitePad Docking Station

More than a charging station, the ElitePad Dock connects to peripherals, printers, and monitors.



Link To Your PC!

only **\$99⁹⁹** #9431207 (ElitePad not included)



Acer ICONIA W700-6602 Tablet

- 3rd gen Intel® Core™ i5 (3MB cache, 1.70GHz)
- 11.6" touchscreen display (1920×1080 resolution)
- 4GB DDR3 RAM • 64GB flash storage
- 802.11n Wi-Fi • Windows® 8 64-bit



only **\$857⁹⁹** #9455209



ASUS VivoTab Smart ME400C

- 10.1" Multi-Touch HD display (1366×768)
- Dual-core Intel® Atom™ processor Z2760 (1.80GHz)
- 64GB internal flash storage • microSD card slot
- 802.11n Wi-Fi • Windows® 8 operating system



only **\$499** #9427913



Fujitsu Stylistic Q702 Hybrid Tablet

- 3rd gen Intel® Core™ i3 (3MB cache, 1.80GHz)
- 11.6" touchscreen display (1366×768 resolution)
- 4GB DDR3 RAM • 64GB flash storage
- 802.11a/b/g/n Wi-Fi • Windows® 8 64-bit



5-hour Battery Life!

only **\$1079⁹⁹** #9443815



With Lenovo tablets, the world is your office

lenovo FOR THOSE WHO DO.

Born from a collaboration between Lenovo, Intel, and Microsoft, the ThinkPad Tablet 2 is the perfect union of mobility, performance, and interactivity. Weighing in at a mere 1.25 pounds, this super slim tablet goes

everywhere yet gets in the way of nothing. Although lightweight, it packs a heavyweight punch, thanks to its dual-core Intel® Atom™ processor, all-flash storage, and 802.11n Wi-Fi. Beyond its impressive internal components, the Lenovo ThinkPad Tablet 2 is equally stunning outside. A 10.1" high-definition touchscreen display surrounded by a sleek black frame give it an ultra-modern look.

Lenovo ThinkPad Tablet 2 3679

- Dual-core Intel® Atom™ processor (1.80GHz)
- 10.1" touchscreen HD display (1366x768)
- 2GB SDRAM • 64GB solid state drive
- 8 MP rear-facing camera • 720p webcam
- 802.11a/b/g/n wireless • Bluetooth 4.0
- Up to 10 hours of battery life
- Windows® 8 Pro 32-bit operating system

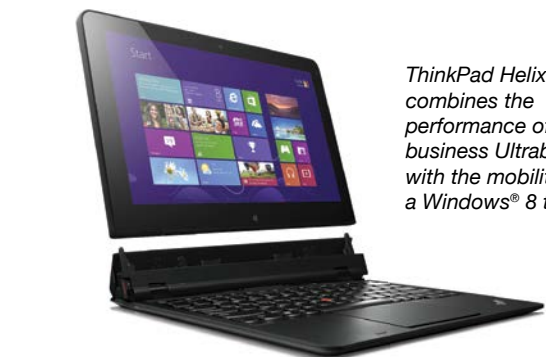
~~\$699~~ **\$509**⁹⁹ #9395218
After \$180 instant rebate. Offer ends 6/30/13.



Discover the difference a Lenovo Ultrabook™ makes

Lenovo ThinkPad Helix 3698 Ultrabook™

- 3rd gen Intel® Core™ i5 (3MB cache, 2.70GHz)
- 4GB DDR3L RAM • 180GB solid state drive
- 11.6" LED-backlit HD display (1920x1080)
- Windows® 8 Professional 64-bit



~~\$1749~~ **\$1699**⁹⁹ # 9433997

ThinkPad Helix combines the performance of a business Ultrabook™ with the mobility of a Windows® 8 tablet.



USA-made models available!
Call for details.

Lenovo ThinkPad T430u 38614 Ultrabook™

- 3rd gen Intel® Core™ i7 (4MB cache, 3.1GHz)
- 4GB RAM • 128GB hard drive
- 14" LED-backlit HD display (1366x768)
- Gigabit Ethernet • 802.11n Wi-Fi
- Sturdy aluminum construction
- Windows® 8 Professional 64-bit

~~\$1099~~ **\$1059**⁹⁹ #9506897

Make your office more mobile

Dell XPS 12

- 3rd gen Intel® Core™ i5 processor (3MB cache, 1.80GHz)
- 12.5" convertible touchscreen HD display
- 4GB SDRAM • 128GB solid state drive
- Windows® 8 Pro 64-bit operating system

~~\$1249~~ **\$1199**⁹⁹ #9597053
After \$50 instant rebate. Offer ends 5/31/13.



Dell Latitude 10

- Dual-core Intel® Atom™ processor
- 10.1" touchscreen HD display
- 32GB solid state storage

~~\$489~~ **\$454**⁹⁹ #9514000
After \$35 instant rebate. Offer ends 5/31/13.



Dell XPS 14

- 3rd gen Intel® Core™ i5 processor
- 14.1" LED-backlit HD+ display
- 4GB SDRAM

only \$1334⁹⁹ #9513338



Dell Latitude 10

- Dual-core Intel® Atom™ processor
- 10.1" touchscreen HD display
- 64GB solid state storage

~~\$564~~ **\$499**⁹⁹ #9514001
After \$65 instant rebate. Offer ends 5/31/13.

Ultraportable HP tablets and notebooks

FREE!
Docking Station and Asset Tag.



HP EliteBook Folio 9470m

- 3rd gen Intel® Core™ i5 processor
- 14.1" LED-backlit HD display
- 180GB solid state storage

~~\$4319~~ **\$1169**⁹⁹ #9558905
After \$150 instant rebate. Offer ends 5/31/13.



HP EliteBook Revolve 810 G1

- 3rd gen Intel® Core™ i5 processor
- 11.6" Multi-Touch HD display
- 128GB solid state storage

only \$1489⁹⁹ #9513458



FREE!
Docking Station and Asset Tag.

HP Smart Buy ElitePad 900

- Dual-core Intel® Atom™ processor
- 10.1" Multi-Touch HD display
- 32GB solid state storage
- FREE T-Mobile service (see site for details)

only \$599 #9558907

Powerful systems from Lenovo

lenovo FOR THOSE WHO DO.



Lenovo ThinkCentre M92p Tiny

- 3rd gen Intel® Core™ i5 vPro™ processor (cache 3MB, 2.90GHz)
- 500GB hard drive

~~\$699~~ **\$599**⁹⁹ #9420401
Price after \$45 instant rebates. Offer ends 6/30/13.



Lenovo ThinkCentre M92p SFF

- 3rd gen Intel® Core™ i5 vPro™ processor (cache 6MB, 3.20GHz)
- 500GB hard drive

~~\$749~~ **\$654**⁹⁹ #9420392
After \$45 instant rebates. Offer ends 6/30/13.



Lenovo ThinkPad Twist S230u

- 3rd gen Intel® Core™ i7 processor
- 12.5" touchscreen HD display
- 500GB hard drive

~~\$1079~~ **\$899**⁹⁹ #9390818
After \$150 instant rebates. Offer ends 6/30/13.

MOBILITY

THE NEW IT REALITY HAS ARRIVED



Mobile device usage is overtaking traditional forms of computing, including desktops and laptops. Many industry experts predict the use of mobile devices will surpass traditional systems in the next year, and that's only a part of the story in the changing IT landscape.

Mobile devices extend the workplace, promising improved productivity and collaboration. But Bring Your Own Device (BYOD) policies are causing the latest paradigm shift in the workplace and IT management. BYOD introduces new risks to information security, compliance, and policy controls.

Mobile device use and security must be carefully managed in order to protect the security of both your organization's physical assets and its sensitive information. According to an Info-Tech Research study, up to 30% of mobile devices are lost or stolen along with their corporate data and intellectual property.¹ In a BYOD environment, every misplaced smartphone, tablet, or laptop is a potential gateway to your sensitive systems. When users can access and modify data on unsecured devices, it creates additional risks for information control, malware, data corruption, and theft.

How PCM Can Help

With the explosive demand for enterprise mobility solutions, PCM stands at the forefront of Managed Solutions. Offering a holistic and secure solution providing end-to-end systems support, we can dramatically increase your organization's productivity while lowering your overall operating costs. With workforce solutions oriented around user success and significant reductions in IT staff, we drive down your Total Cost of Ownership (TCO) while producing a true solution.

With more than twenty years experience and dedicated processes,

the PCM experience is the top of the game. The entire process is managed and maintained wholly within PCM, which makes us a true single-source provider. Plus, our comprehensive service offerings cover the entire mobility process, from pre-deployment planning through device management and on to lifecycle management.

Planning

As with the introduction of any new technology into a business, it is important to plan a solution that is custom tailored to pair perfectly with the way your business uses mobile devices. Our consultants utilize their vast experience in Enterprise Mobility to help you design the correct solution for you and your users.

Acquisition

As one of the largest corporate resellers in the nation, we have access to the right products at the right price to help you get the most out of mobility in your business. Leveraging our relationships with top-tier technology vendors, such as Apple, Cisco, HP, MobileIron, AirWatch, and Fiberlink, we are uniquely positioned to help you succeed.

Deployment

Deployment Services are processes designed to efficiently receive, image,

ship, and deploy mobile devices based on the System Image(s) developed and tested through Lifecycle Management. This service leverages PCM Integration and Distribution Centers and is fully scalable and repeatable for large deployments of mobile devices.

Management

Mobile Device Management (MDM) is the software and process that enforces configuration and security policies for mobile devices across your business. By leveraging the solution, you can standardize application and policy settings across all devices regardless of manufacturer, model, owner of the device, geographical location, and more.

Service Desk Support

Service Desk Support for Enterprise Mobility Services include both end-user support and device hardware support. Our experienced U.S.-based Service Desk technicians take your calls, answer questions, and provide expert guidance regarding all aspects of the Enterprise Managed Mobility service offering.

Technology Lifecycle Management

Lifecycle Management is a core function of the Enterprise Managed Mobility service offering. By managing both corporate-owned and employee-owned

devices (BYOD), you benefit through standardized configuration, support, and policy enforcement throughout your business.

Success Starts at PCM

Successfully managing mobile devices is critical in today's workplace and can result in many business and workforce benefits. The cost of doing nothing will only delay the inevitable and increase risks to sensitive information and regulations as today's technology savvy workforce finds readily available workarounds, easily downloaded from "app stores" to enable access and off-line-storage of information assets. We stand at the forefront of Managed Mobility Solutions, and we're ready to help you gain control of this rapidly changing environment.

About the Author

Greg Hacke is a member of the Apple and Mobility Consulting team with responsibilities for training as well as serving as a strategic consultant around mobile technologies. Working in the secure mobility space, he has worked with organizations in nearly every business vertical to ensure timely and secure mobile deployments around the globe.



Call your Account Executive today for the lowest prices on the best business tablets.



Lenovo ThinkPad Tablet 2

- Dual-core Intel® Atom™ processor
- 10.1" touchscreen HD display
- 2GB SDRAM • 64GB SSD

only **\$649⁹⁹** #9395218



Dell Latitude 10

- Dual-core Intel® Atom™ processor
- 10.1" touchscreen HD display
- 2GB SDRAM • 32GB SSD

only **\$489⁹⁹** #9514000



Lenovo ThinkPad Helix

- 3rd gen Intel® Core™ i5 processor
- 11.6" touchscreen HD display
- 4GB SDRAM • 180GB SSD

only **\$1699⁹⁹** #9433997

¹Available from <http://blog.infotech.com/new-research/it-should-get-out-of-the-cell-phone-business/>

MacBook Pro with Retina display

The new MacBook Pro® with Retina™ display is designed from the circuit board up with the best components available: all-flash storage, 3rd generation Intel® Core™ processors with Turbo Boost, powerful NVIDIA discrete graphics, and tons of memory. Whether you're fine-tuning photographs, designing ads, or

putting the finishing touches on a video, your MacBook Pro has power to burn. Best of all, it now comes in your choice of 13.3" or 15.4" sizes.

When you take the new Retina display for a test drive, you're going to be blown away. This breakthrough display is saturated with so many pixels — over four million on the 13.3" and five million on the 15.5" model — that your eye can't tell where one ends and another begins. Gone are the jagged curves and pixelated edges that dogged older displays. Your Retina delivers smooth lines, crisp details, and vibrant colors.

29% *The new Retina display reduces glare while maintaining incredible color and quality. In fact, it has a 29% higher contrast ratio than a standard MacBook Pro display!*



MacBook Pro® with Retina® Display

Model	Size	Processor	RAM	Flash Storage	Price
#9418680	13.3"	2.5GHz Dual-core Intel® Core™ i5	8GB	128GB	\$1999 \$1494
#9507953	13.3"	2.6GHz Dual-core Intel® Core™ i5	8GB	256GB	\$2199 \$1694
#9510637	15.4"	2.4GHz Quad-core Intel® Core™ i7	8GB	256GB	\$2799 \$2194
#9510689	15.4"	2.7GHz Quad-core Intel® Core™ i7	16GB	512GB	\$3299 \$2794

MacBook Pro

Model	Size	Processor	RAM	Flash Storage	Price
#9232227	13.3"	2.5GHz Dual-core Intel® Core™ i5	4GB	500GB	\$1299 \$1194
#9232228	13.3"	2.9GHz Dual-core Intel® Core™ i7	8GB	750GB	\$1499 \$1494
#9232229	15.4"	2.3GHz Quad-core Intel® Core™ i7	4GB	500GB	\$1799 \$1794

MacBook Pro Blowout Models! Save up to \$999!

Model	Size	Display	Processor	RAM	Flash Storage	Price
#9418688	13.3"	Retina	2.5GHz Dual-core Intel® Core™ i5	8GB	256GB	\$1999 \$1479⁹⁹
#9418712	13.3"	Retina	2.5GHz Dual-core Intel® Core™ i5	8GB	512GB	\$1999 \$1699⁹⁹
#9418743	13.3"	Retina	2.9GHz Dual-core Intel® Core™ i7	8GB	256GB	\$2199 \$1599⁹⁹
#9418749	13.3"	Retina	2.9GHz Dual-core Intel® Core™ i7	8GB	512GB	\$2199 \$1799⁹⁹
#9529008	13.3"	Retina	2.9GHz Dual-core Intel® Core™ i7	8GB	512GB	\$2199 \$1799⁹⁹
#9232232	15.4"	Retina	2.3GHz Quad-core Intel® Core™ i7	8GB	256GB	\$2499 \$1899⁹⁹
#9232233	15.4"	Retina	2.6GHz Quad-core Intel® Core™ i7	8GB	512GB	\$2799 \$2299⁹⁹

Apple, the Apple logo, FaceTime, iMac, iPad, iPhone, Mac, MacBook Air, MacBook Pro, Mac OS, Mac Pro, Retina, and SuperDrive are trade marks of Apple Inc., registered in the U.S. and other countries. iCloud is a service mark of Apple Inc., registered in the U.S. and other countries.

Travels light yet packs a heavyweight punch

Though smaller and lighter than its 15.4" big brother, the 13.3" MacBook Pro with Retina display has all the processing power professionals need to rip through their to-do lists in record time.

13" MacBook Pro with Retina display

- Dual-core Intel® Core™ i7 processor at up to 3GHz and Turbo Boost at up to 3.7GHz
- 8GB DDR3 SDRAM
- Up to 768GB flash storage
- Two Thunderbolt ports (up to 10Gb/s)
- Up to seven hours of battery life

starting at **\$1489**



Get the right Mac for the right price at PCM



iMac®

- Quad-core Intel® Core™ i5 or i7 processor at up to 3.4GHz
- 21.5" or 27" LED-backlit display
- 8GB RAM (upgradable to 32GB)
- Up to 3TB SATA hard drive, 3TB Fusion drive, or 768GB flash storage
- NVIDIA GeForce graphics

starting at **\$1289**



Mac Pro®

- Up to 12-core power with two 6-core Intel® Xeon® "Westmere" processors at up to 3.06GHz
- Up to 64GB RAM
- Up to 8TB hard drive
- 18x SuperDrive® with DL support
- ATI Radeon HD graphics

starting at **\$2494**



Mac mini

- Quad-core Intel® Core™ i5 or i7 processor at up to 2.6GHz
- 4GB RAM (upgradable to 16GB)
- 1TB SATA hard drive, 1TB Fusion drive, or 256GB flash storage
- Intel HD Graphics 4000
- Thunderbolt I/O port

starting at **\$594**



11.6" or 13.3" MacBook Air®

- Dual-core Intel® Core™ i5 or i7 processor at up to 2GHz and Turbo Boost up to 3.2GHz
- Thunderbolt I/O port for blazing-fast data transfer speeds
- Built-in FaceTime® HD camera for stunning video chats with friends and colleagues
- Up to 512GB flash storage

starting at **\$989**



iPad mini

The whole package.
In a smaller package.

iPad® mini features a beautiful 7.9-inch display, iSight® and FaceTime® cameras, the A5 chip, ultrafast wireless, and up to 10 hours of battery life.¹ And over 275,000 apps on the App StoreSM made for iPad also work with iPad mini.² So it's an iPad in every way, shape, and slightly smaller form.

starting at **\$329!***

Model	Capacity	Price
iPad mini with Wi-Fi	16GB**	\$329*
iPad mini with Wi-Fi	32GB**	\$429*
iPad mini with Wi-Fi	64GB**	\$529*
iPad mini with Wi-Fi + Cellular	16GB**	\$459*
iPad mini with Wi-Fi + Cellular	32GB**	\$559*
iPad mini with Wi-Fi + Cellular	64GB**	\$659*

All models come in black or white. Cellular models are configured to work with either AT&T, Verizon, or Sprint. Cellular data plan sold separately.

iPad with Retina display

See your business like never before.

iPad features a stunning Retina® display, iSight and FaceTime cameras, the all-new A6X chip, and ultrafast wireless. And with access to over 275,000 apps on the App Store, you can do more than ever.



starting at **\$499!***

Model	Capacity	Price
iPad with Retina display: Wi-Fi	16GB**	\$499*
iPad with Retina display: Wi-Fi	32GB**	\$599*
iPad with Retina display: Wi-Fi	64GB**	\$699*
iPad with Retina display: Wi-Fi + Cellular	16GB**	\$629*
iPad with Retina display: Wi-Fi + Cellular	32GB**	\$729*
iPad with Retina display: Wi-Fi + Cellular	64GB**	\$829*

All models come in black or white. Cellular models are configured to work with either AT&T, Verizon, or Sprint. Cellular data plan sold separately.

¹Battery life varies by use and configuration. See www.apple.com/batteries for more information. ²App count refers to the total number of apps worldwide. *Price is as of February 20, 2013, is subject to change, does not include taxes or shipping, and is U.S. pricing. **1 GB = 1 billion bytes; actual formatted capacity less. Apple, the Apple logo, FaceTime, iPad, iSight, and Retina are trademarks of Apple Inc., registered in the U.S. and other countries. App Store and iCloud are service marks of Apple Inc.



We Simplify Enterprise Mobility™

Securing Mobility for Enterprises

AirWatch® provides a comprehensive enterprise mobility management solution to securely manage and deploy mobile devices, application, content, and email to both internal and employee-owned devices in your organization. Our flexible platform enables you to deploy fully integrated or stand-alone device, application and content management solutions.



Devices

User authentication, encryption, policy enforcement, automated compliance, remote lock, and wipe



Applications

App SDK and Wrapping, App Catalog, assignment rules, whitelists, blacklists, restrictions, and kiosk mode



Content

Secure container with authentication, file encryption, geofencing, sharing, and offline viewing restrictions

Our advanced security capabilities protect your sensitive data — from protected internal communications to financial documents — and ensure that your end users have around-the-clock, secure access to the information they need.

Packed with innovation

What do you get when you cross HP desktops with VISION Pro Technology from AMD? The ultimate blend of performance and affordability. Bolstered by discreet ATI Radeon graphics cards, these powerful desktop

workstations have the muscle your teams need to run demanding applications with ease. And since they're built by HP, they deliver unbeatable dependability, modern design, and stellar support.



HP Compaq 6305 Pro Small Form Factor PC

- AMD Dual-Core A4-5300B Processor (1MB Cache, 3.40GHz)
- 4GB DDR3 SDRAM
- 500GB hard drive
- AMD Radeon HD Graphics 7480D
- DVD±RW SuperMulti drive
- Windows® 7 Professional 64-bit

only **\$554³⁹** #9390641 Display sold separately. Price after \$27.60 instant rebate. Offer ends 5/31/2013.

HP Compaq 6305 Pro Microtower PC

- AMD Dual-Core A6-5400B Processor (1MB Cache, 3.60GHz)
- 4GB DDR3 SDRAM
- 500GB hard drive
- AMD Radeon HD Graphics 7540D
- DVD±RW SuperMulti drive
- Windows® 7 Professional 64-bit

only **\$569** #9390645 Display sold separately.

Speed up your desktop system and enjoy vibrant visuals



HP 4GB PC3-12800 DDR3 1600MHz

Add an extra jolt of performance to your desktop with high-quality HP memory

only **\$28⁹⁹** #9233606



18.5" HP LV1911 LED-backlit Monitor

1366 x 768 resolution, 600:1 contrast ratio, 5 ms response time, VGA connector

only **\$69⁹⁹** #9077082

Price after \$4.50 instant rebate and \$20 mail-in rebate. Offer ends 7/31/2013.

True-to-life color quality



24" Samsung 850 Series LED Monitor

Ideal for creative professionals, the premium Samsung 24" 850 Series LED Monitor uses Samsung's new LED PLS screen technology results in more accurate color and better viewing angles — perfect for creating beautifully rendered images and more accurate photo editing. Plus, by meeting and exceeding the highest green standards, it has been rated GOLD by the EPEAT®.

- 1920 x 1200 full HD widescreen resolution
- 1000:1 dynamic contrast ratio
- 5 ms response time
- 300 cd/m² brightness
- 178° viewing angles
- Supports 16.7 million colors
- 100% sRGB coverage
- HDMI, DVI-D, and DisplayPort inputs

Because your 8 Series Samsung monitor uses up to 50% less energy than traditional CCFL displays, it can help you significantly reduce energy consumption.



only **\$448⁹⁹** #8765355



21.5" Samsung 200 Series Business LED Monitor

- 1920 x 1080 HD resolution
- DVI-D and VGA

only **\$139⁹⁹** #8765349



21" Samsung S22A650D LED Monitor

- 1920 x 1080 HD resolution
- DVI-D, DisplayPort, and VGA

only **\$217⁹⁹** #8765351



27" Samsung S27A850D LED Monitor

- 2560 x 1440 HD resolution
- DVI-D, DisplayPort, and USB 3.0

only **\$849⁹⁹** #8765357

24.1" HP ZR2440W LED Monitor

- 1920 x 1200 full HD widescreen resolution
- 2,000,000:1 dynamic contrast ratio
- 6 ms response
- 350 cd/m² brightness
- 178° viewing angles
- Supports 16.7 million colors
- Integrated USB hub
- HDMI, DVI-D, and DisplayPort inputs



30" HP ZR30w LCD Monitor

- 2560 x 1600 HD widescreen resolution
- 3000:1 dynamic contrast ratio
- 7 ms response
- 372 cd/m² brightness
- 170°/160° viewing angles
- Supports 1.07 billion colors
- Built-in USB hub
- DVI-D, DisplayPort, and VGA inputs

The HP ZR2440W has earned ENERGY STAR 5.0 and EPEAT Gold certifications for energy efficiency.

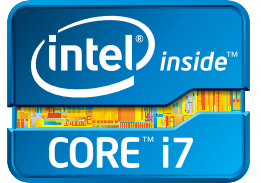
only **\$379⁹⁹** #8907838

~~\$1299~~ **\$1199⁹⁹** #8160505

Intense workstations for demanding projects



HP Z220 Workstations come with the latest Intel® Core™ processors for unparalleled performance.



Editing videos, designing 3D CAD drawings, and manipulating photos — big jobs demand a lot of processor power. Unfortunately, most base-model PCs just don't have the muscle for these types of creative projects. Under the heavy load of graphic-intensive software, their hardware just falls short. So how do graphic designers, urban planners, and big-time bean counters get through their to-do lists? They turn to the HP Z-Series of convertible minitower workstations.

With strong Intel® Core™ CPUs and lots of room for component upgrades, they're perfect for power users. Plus, their compact chassis fits even the most clogged cubicles. Want to learn more? Give your Account Executive a call for a guided tour.



HP Z220 Convertible Minitower Workstation

- 3rd gen Intel® Core™ i5 processor (6MB cache, 3.20GHz)
- 4GB RAM • 500GB hard drive
- DVD±RW SuperMulti drive
- Gigabit Ethernet networking
- Windows® 7 Professional 64-bit

only **\$699⁹⁹** #9342203
 Price after \$128 instant rebate and \$80 mail-in rebate. Offer ends 5/31/13.



HP Z220 Convertible Minitower Workstation

- 3rd gen Intel® Core™ i7 processor (8MB cache, 3.40GHz)
- 8GB RAM • 1TB hard drive
- DVD±RW SuperMulti drive
- Gigabit Ethernet networking
- Windows® 7 Professional 64-bit

only **\$849⁹⁹** #9235305 Display sold separately.
 Price after \$302 instant rebate and \$80 mail-in rebate. Offer ends 5/31/13.

HP Z220 Workstation Accessories



HP 2GB PC3-12800 DDR3 1600MHz

Dial up your desktop's performance with a fresh infusion of high-speed HP memory

only **\$59⁹⁹** #9235112



HP 4GB PC3-12800 DDR3 1600MHz

Get more work done in less time with a big boost in system memory

only **\$79⁹⁹** #9235713



NVIDIA Quadro 600 Graphics Card

1GB DDR3 video memory, 25.6GB/s bandwidth, one Dual Link DVI-I and one DisplayPort output

only **\$179⁹⁹** #8227198

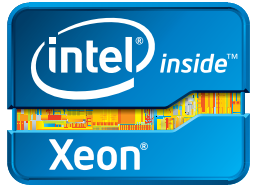


NVIDIA Quadro 2000 Graphics Card

1GB GDDR5 video memory, 41.6GB/s bandwidth, one Dual Link DVI-I and two DisplayPort output

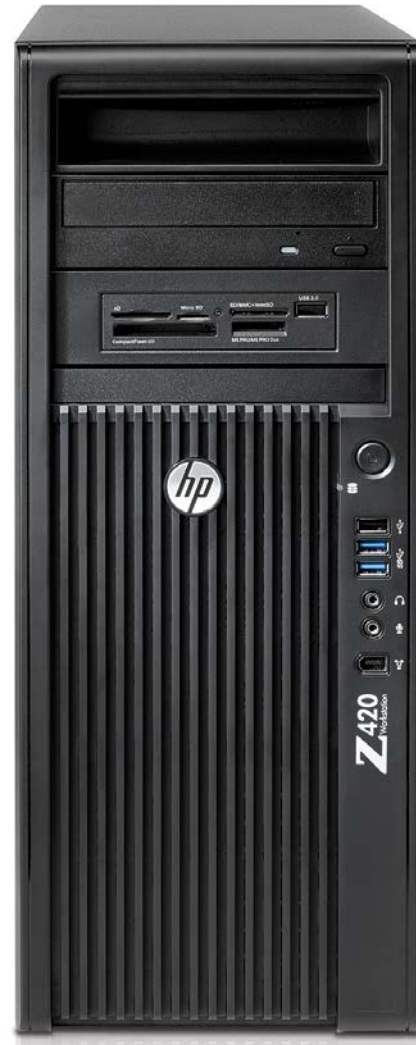
only **\$479⁹⁹** #8227197

The muscle you need for serious multitasking



In today's work environment, productivity is king. When one employee does the work of two or three people, your payroll expenses drop and your ROI rises. To achieve peak productivity, your team needs hardware that's strong enough to run more than one application at the same time without slowing down. For maximum multitasking capabilities, equip your office with HP Z420 Convertible Minitower Workstations.

These workhorse workstations are packed with high-powered Intel® Xeon® processors, massive amounts of ECC memory, and spacious storage drives — everything your employees need to beat their deadlines. To get all the details about HP's Z420 Series, give your Account Executive a call today.



HP Z420 Convertible Minitower Workstation

- Quad-core Intel® Xeon® processor E5-1607 (10MB cache, 3GHz)
- 6GB RAM • 500GB hard drive
- NVIDIA Quadro 600 graphics card
- Gigabit Ethernet networking
- Windows® 7 Professional 64-bit

only **\$1499** #9076573



Engineered for easy customization, the Z420 Series has multiple open slots, ports, and DIMMs.

HP Z420 Convertible Minitower Workstation

- Quad-core Intel® Xeon® processor E5-1620 (10MB cache, 3.60GHz)
- 16GB RAM • 1TB hard drive
- Open graphics card slot
- Gigabit Ethernet networking
- Windows® 7 Professional 64-bit

only **\$1765⁵⁹** #9076578 Display sold separately.
Price after \$134.40 instant rebate. Offer ends 7/31/13.

HP Z420 Workstation Accessories



HP 2GB PC3-12800 DDR3 1600MHz

Accelerate your design workflow with a big boost in ECC memory

only **\$59⁹⁹** #9235112



HP 4GB PC3-12800 DDR3 1600MHz

Run more system-intensive applications at the same time with high-speed ECC memory

only **\$99⁹⁹** #9235110

HP Z420 Workstation Accessories



NVIDIA Quadro K2000 Graphics Card
1GB GDDR5 video memory, 192 CUDA cores, one Dual Link DVI-I and two DisplayPort outputs

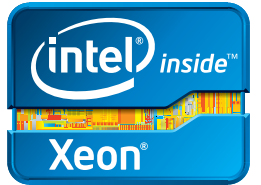
only **\$479⁹⁹** #9537481



NVIDIA Quadro K4000 Graphics Card
2GB GDDR5 video memory, 256 CUDA cores, one Dual Link DVI-I and two DisplayPort outputs

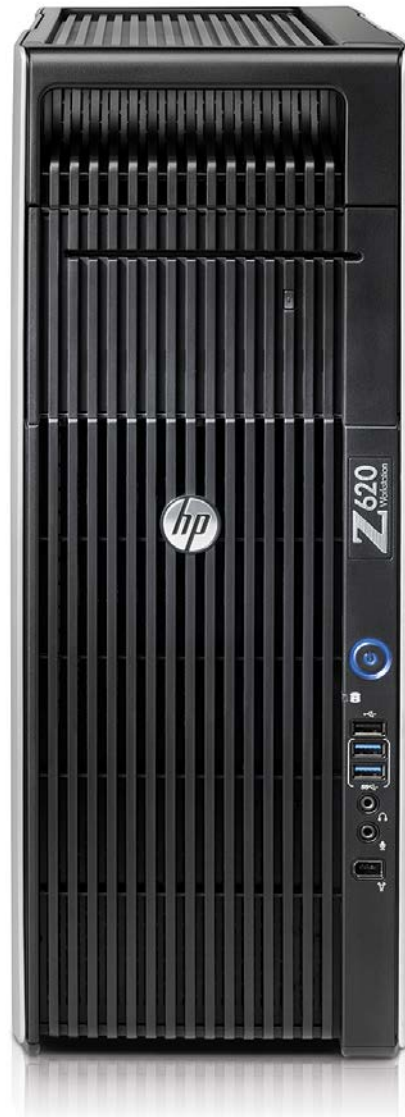
only **\$779⁹⁹** #9537483

Professional-grade workstations from HP



Not all PCs are created equal. Some come with just the bare necessities and are perfect for surfing the web, plugging away at a word processor, and keeping up with email. Then there are systems that are made to handle serious projects, like designing and rendering a 3D model of a hydroelectric dam, creating billboard-sized graphics, or adding some eye-candy special effects to videos. When the work is demanding, you need systems that are up to the challenge. You need HP's unbeatable Z620 and Z820 Workstations.

Built to blow through big jobs, these computers boast Intel® Xeon® processors, discreet graphics, and all the performance trimmings. Plus, they come in a wide range of configurations to meet your unique requirements. Give your Account Executive a call today to learn more.



HP Z620 Convertible Minitower Workstation

- 6-core Intel® Xeon® processor E5-2620 (15MB cache, 2GHz)
- 8GB RAM • 1TB hard drive
- NVIDIA Quadro K2000 graphics card
- Gigabit Ethernet networking
- Windows® 7 Professional 64-bit

only **\$2399⁹⁹** #9522438



Keep your designers, programmers, and other power users running strong with HP Z-Series Workstations.

HP Z820 Convertible Minitower Workstation

- 6-core Intel® Xeon® processor E5-2620 (15MB cache, 2GHz)
- 8GB RAM • 1TB hard drive
- AMD FirePro V5900 graphics card
- Gigabit Ethernet networking
- Windows® 7 Professional 64-bit

only **\$2568⁷⁹** #9076593 Display sold separately.
Price after \$131.20 instant rebat. Offer ends 7/31/13.

HP Z620 Workstation Accessories



HP 4GB PC3-12800 DDR3 1600MHz

Breeze through the biggest jobs by maxing out your workstation with ECC memory

only **\$99⁹⁹** #9102960

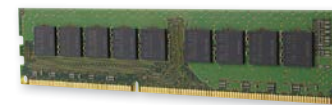


NVIDIA Quadro K2000 Graphics Card

1GB GDDR5 video memory, 192 CUDA cores, one Dual Link DVI-I and two DisplayPort outputs

only **\$479⁹⁹** #9537481

HP Z820 Workstation Accessories



HP 2GB PC3-12800 DDR3 1600MHz

Experience peak CPU performance with a serious injection of swift ECC memory

only **\$59⁹⁹** #9235112



NVIDIA Quadro K4000 Graphics Card

2GB GDDR5 video memory, 256 CUDA cores, one Dual Link DVI-I and two DisplayPort outputs

only **\$779⁹⁹** #9537483

From boardrooms to showrooms, digital signage makes your message stick



42" Planar PS4200 Flat Panel LCD Display

The Planar PS4200 is a 42" professional LCD display delivering multiple connectivity options, enhanced durability, and superior visual performance. To meet the requirements of demanding public signage and corporate applications, the Planar PS4200 provides full HD 1080p resolution with advanced features such as automatic/manual backlight control, video wall support, and RS-232 control.

- Comprehensive set of data and video inputs
- Durable metal bezel
- Wide range of advanced features for professional applications
- Superior HD 1080p image quality

only **\$837⁹⁹** #8854364



Planar PS4200 digital signage displays allow you to reach your audience with crystal clarity.

46" Samsung HE46A Commercial LED HDTV LCD Display

Samsung's quality HE Series is the ideal choice for any organization that needs a simple, reliable, and professional alternative to consumer-level TVs. An affordable solution, the HE series features a built-in TV tuner in an easy-to-install, attractively designed, high-resolution display.

- Comprehensive set of data and video inputs
- Durable metal bezel
- Packed with a wide range of advanced features for professional applications
- Superior full HD 1080p image quality

only **\$1368** #8804402



Forget about signing up for expensive cable service — the HE Series comes with a built-in HDTV tuner to pick up high-quality broadcast signals.

The simple video wall solution



46" NEC 2x2 TileMatrix Digital Video Wall

NEC's complete 46" 2x2 LCD TileMatrix™ Digital Video Wall Solution delivers an all-in-one, easy-to-configure, and cost-effective solution that is ideal for dynamic digital signage, information display, and command & control applications. Exclusive TileMatrix and

TileComp™ technologies, combined with the ultra-narrow bezel design of the NEC X462UN, provide for a near seamless video wall without the need for additional third party equipment.

- Includes four 46" NEC X461UNV flat-panel displays (1360 x 768 720p resolution, 3000:1 contrast ratio)
- Ultra-thin bezel design (7.3mm screen-to-screen width) achieves a "barely there" effect
- Overframe Bezel Kit completes the solution with a "finished and framed" look (two kits included)
- Chief 2x2 Video Wall Mounting Solution
- Comes with null modem cables used for daisy-chaining control (signals included)
- DisplayPort, HDMI, DVI-D, VGA, Composite, Component, and S-Video inputs

NEC makes its easier than every to equip your offices, lobbies, or stores with stunning video walls installations.

Call for Pricing #8203799



Everything you need to deploy a powerful video wall is included: four displays, hardware, and all the trimmings.



55" LG 55WS10 LED-backlit LCD Display

Designed for 24x7 continuous operation, the 55WS10 displays advertisements, information, and broadcast video in full HD brilliance. And with landscape, portrait, and 5x5 tile mode capabilities, it adapts to your signage needs.

- 1920x1080 native HD resolution
- 50,000:1 DCR
- 450 cd/m² brightness
- 12 ms response time
- Energy Start 5.1 Compliant
- USB playback
- HDMI, RGB, DVI, and DisplayPort connectivity
- RJ-45 LAN and RS-232C network control

only **\$1479⁹⁹** #8980146

InFocus IN2124 DLP 3D Projector

The affordable InFocus IN2124 projector delivers ultra-bright 3200 lumen images and advanced networking to light up and connect larger meeting and classrooms without breaking the bank.

- 3200 lumens
- 4000:1 contrast ratio
- 1024 x 768 XGA resolution
- 10W stereo speakers
- Supports 720p 3D content
- Networkable
- HDMI, VGA, S-Video, Composite, and USB connectivity

only **\$601⁹⁹** #9108356

Project from PCs, Macs, video sources, tablets, and smartphones.



The Intel® Xeon® E5 Family

Versatile processors for today's flexible, efficient data centers.



Oracle* and Intel®

Oracle x86 systems deliver record-breaking performance with the Intel® Xeon® processor E5 Family

By Ed Franklin, x86 Product Manager, Oracle



ORACLE®

Servers, workstations, and storage solutions based on the new Intel® Xeon® processor E5 family deliver the best combination of performance, built-in capabilities, and cost-effectiveness to make data centers more flexible and efficient. From virtualization and cloud computing solutions to design automation or real-time financial transactions, you'll be delighted by better than ever performance no matter what tasks you face.

Intel® E5 family processors help future-proof your data center.

Your investment in industry standard technology from Intel — combined with innovative solutions from other technology partners — helps future-proof your data center with an infrastructure that grows right along with your organization.

Scale innovative private cloud services

Today's private clouds enable greater business agility and efficiency by delivering innovative and scalable services that drive value back into the organizations they serve. Building and managing these services require systems that scale to meet your ever changing needs, while delivering solutions to the challenges IT managers face every day. Server and storage platforms based on the Intel® Xeon® processor E5 family are built to be at the heart of today's data centers and enable powerful, versatile private cloud solutions.

E5 processors: a new performance sweet spot

The Intel® Xeon® processor E5 family support key cloud requirements that make your data center agile and more responsive to changing business needs. Maintaining industry leadership for power efficiency and continuing Intel® Xeon® processor performance advancements, the Intel® Xeon® processor E5 family gives you additional performance when you need it for single- and multi-threaded

applications, including increased floating-point performance for technical computing workloads.¹

Intel® Xeon® processor E5-based platforms strengthen data protection with built-in, hardware-based capabilities that encourage pervasive data encryption with a significantly reduced performance tax.² Plus, to enhance cloud security and simplify migrations, you can pool resources and establish a hardware "root of trust" that enables dynamic migration of VMs from one trusted pool to another.³

These platforms also raise the bar for I/O efficiency. The new Intel® Xeon® processor E5 family supports Intel® Integrated I/O which reduces network and storage latency associated with virtualized workloads. It also supports the latest PCI Express* 3.0 specification to handle bandwidth-hungry applications.⁴

Intel® gives you more built-in power management optimization capabilities. Intel® Power Tuning technology and Intel® Intelligent Power Technology help optimize efficiency and reduce costs by allocating and dynamically balancing power at the rack, row, and data center level.

Today, many IT departments continue to experience staffing challenges brought on by the recent economic downturn. At the same time, IT managers are being asked to provide additional new and innovative services to the business. They look to Oracle to help them lower their costs and automate more processes so they can concentrate their resources and efforts on the mission-critical applications and value-added services that can differentiate their business.

Oracle can help IT to move forward and keep pace with increases in demand for more compute, network, and storage resources. We bring a unique perspective to the marketplace with our intense focus on enterprise applications and databases, specifically for large data centers. We help our customers identify ways to look at their entire infrastructure environments and understand both the costs and challenges, so that at the end of the day, the systems they deploy perform efficiently and deliver business value.

Oracle hardware and the Intel® Xeon® E5 family

We are very excited by the benefits delivered by the new Intel® Xeon™ processor E5-2600 product family, including the significant overall performance improvements, I/O enhancements, and built-in encryption technology with

Intel® Advanced Encryption Standard New Instructions (Intel® AES-NI).¹ The new processor performs 67 percent better than the prior generation² and has already helped us set a couple of world records for performance in our new systems. This level of performance and capability is extremely important for the demands of private cloud deployments. Our Solaris 11 operating system takes huge advantage of the encryption capabilities for protection of data both at rest and in transit.

telecommunications market. All these systems are shipping now.

Oracle and Intel: synergy that moves IT forward

We view our hardware as a supporting feature of application performance rather than an end to itself. So optimization at every single level is critical to deliver total throughput in the modern data center. Oracle and Intel have a long 20-year history of working together, both in terms of optimizing

When we design systems, we think about the total performance — not just for particular elements or components within the stack, but the entire stack.

In April 2012, we announced a number of new systems that employ the Intel® Xeon® processor E5 family. These products include Sun Fire* X4170 M3 and the Sun Fire X4270 M3, both of which are rack systems, and the Sun Blade* X6270 M3, which is an x86 server blade module for use in the Sun Blade 6000 chassis. We have also added a carrier-grade version of our rack system for the

some of Oracle's software products and deploying new Intel hardware designs. Because of our partnership, Oracle and Intel together have been able to optimize for Intel architectures—not just the hardware systems but also the middle layer and the database layer—providing total throughput that is unequalled in our view—and with world benchmarks on our x86 design to prove it.

¹Software and workloads used in performance tests may have been optimized for performance only on Intel microprocessors. Performance tests, such as SYSmark and MobileMark, are measured using specific computer systems, components, software, operations, and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products. ²Source: Testing with Oracle Database Enterprise Edition* 11.2.0.2 with Transparent Data Encryption (TDE) AES-256 shows as much as a 10x speedup when inserting one million rows 30 times into an empty table on the Intel® Xeon® processor X5680 (3.33GHz, 36MB RAM) using Intel® Integrated Performance Primitives (Intel® IPP) routines, compared to the Intel® Xeon® processor X5560 (2.93 GHz, 36 MB RAM) without Intel IPP. ³No computer system can provide absolute security under all conditions. Intel® Trusted Execution Technology (Intel® TXT) requires a computer with Intel® Virtualization Technology, an Intel TXT-enabled processor, chipset, BIOS, Authenticated Code Modules, and an Intel TXT-compatible measured launched environment (MLE). Intel TXT also requires the system to contain a TPM v1.s. For more information, visit www.intel.com/content/www/us/en/data-security/security-overview-general-technology.html. ⁴Intel measurements of average time for an I/O device read to local system memory under idle conditions. Improvement compares Intel® Xeon® processor E5-2600 product family (230 ns) vs. Intel Xeon processor 5500 series (340 ns). Baseline Configuration: An Intel system with two Intel® Xeon processor E5520 (2.26GHz, 4C), 12GB memory @ 1333, C-States disabled, Intel® Turbo Boost Technology disabled, SMT disabled, Rubicon* PCIe* 2.0 x8. New Configuration: Meridian system with two Intel® Xeon processor E5-2665 (C0 stepping, 2.4GHz, 8C), 32GB memory @1600 MHz, C-States enabled, Intel® Turbo Boost Technology enabled. The measurements were taken with a LeCroy* PCIe* protocol analyzer using Intel internal Rubicon (PCIe* 2.0) and Florin (PCIe* 3.0) test cards running under Windows* 2008 R2 with SP1.

¹Intel AES-NI requires a computer system with an Intel AES-NI-enabled processor, as well as non-Intel software to execute the instructions in the correct sequence. Intel AES-NI is available on select Intel Core™ processors. For availability, consult your system manufacturer. For more information, see intel.com/content/www/us/en/architecture-and-technology/advanced-encryption-standard-aes-data-protection-aes-generaltechnology.html. ²Intel Xeon processor E5-2658 benchmarking results collected by Intel Corporation, September 2011. Intel Xeon processor E5645 benchmarking results collected by Intel Corporation, June 2010. *Other names and brands may be claimed as the property of others.

Cutting-edge performance

Tomorrow's data center technology has arrived. The powerful Gen8 series of HP ProLiant DL360p servers has been completely redesigned to make your systems smarter, faster, and more self-sustaining than ever before. Its HP iLO Management Engine balances power consumption with

compute demands for maximum efficiency, and the new FlexibleLOM technology makes it simple to switch between network fabrics. In fact, every aspect of server management is simpler with HP's Gen8 series. Call your PCM Account Executive to learn more about this exciting platform.



HP ProLiant DL360p G8 Server

- 6-core Intel® Xeon® processor E5-2620 (15MB cache, 2GHz)
- 16GB DIMM memory, expandable to 768GB
- HP Smart Array P420i/ZM controller
- Quad-port 331FLR 1Gb Ethernet adapter
- Two 460W hot-pluggable power supplies

only **\$2199⁹⁹** #9072026

HP ProLiant DL360p G8 Server

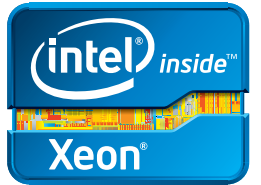
- Quad-core Intel® Xeon® processor E5-2603 (10MB cache, 1.80GHz)
- 4GB DIMM memory, expandable to 768GB
- HP Smart Array P420i/ZM controller
- Quad-port 331FLR 1Gb Ethernet adapter
- 460W hot-pluggable power supply

only **\$2599⁹⁹** #9075166

Custom Configurations

We have the facilities, tools, processes, and people to streamline the configuration of your next technology deployment.

HP SERVERS



Thanks to HP Intelligent Provisioning, Active Health System, and Smart Update, the new ProLiant DL360p G8 series is incredibly self-sufficient and helps reduce your overall management costs.



HP ProLiant DL360p G8 Server

- 6-core Intel® Xeon® processor E5-2640 (15MB cache, 2.50GHz)
- 16GB DIMM memory, expandable to 768GB
- HP Smart Array P420i/1GB FBWC controller
- Quad-port 331FLR 1Gb Ethernet adapter
- Two 460W hot-pluggable power supplies

only **\$3999⁹⁹** #9084826

HP ProLiant DL360p G8 Server

- 8-core Intel® Xeon® processor E5-2660 (20MB cache, 2.20GHz)
- 32GB DIMM memory, expandable to 768GB
- HP Smart Array P420i/1GB FBWC controller
- Quad-port 331FLR 1Gb Ethernet adapter
- Two 460W hot-pluggable power supplies

only **\$4999⁹⁹** #9075040

Fill every open DIMM in your servers with HP memory



HP 4GB Low Power 1333MHz DDR3 Memory

Turbo-charge your new Gen8 server with HP's high-speed, low-voltage ECC memory

only **\$79⁹⁹** #9084837



HP 8GB Low Power 1333MHz DDR3 Memory

Quicken the processing pace of your Gen8 server with low-voltage ECC memory

only **\$99⁹⁹** #9084838

Increase your storage capacity and your server uptime



500GB 6G SATA LFF 3.5" Midline Hard Drive

Fast and dependable, this 7200RPM hard drive is designed exclusively for HP's Gen8 servers

only **\$249⁹⁹** #9080050



HP Insight Control Environment

One year of 24 x 7 support for one HP ProLiant or BladeSystem server

only **\$299⁹⁹** #7809780

Unswerving strength



Whether your business is running a physical or virtual data center, the HP ProLiant DL380p G8 series of servers has the robust processing power, massive memory capacity, and automated management features you need to work at peak efficiency. Plus, each server is equipped with

16 hot-swappable SFF SAS/SATA drive bays that are optimized for solid state drives, giving you plenty of room to load up on high-speed storage. Contact your PCM Account Executive to find out how these heavyweight servers can strengthen your data center.



HP ProLiant DL380p G8 Server

- Quad-core Intel® Xeon® processor E5-2609 (10MB cache, 2.40GHz)
- 8GB DIMM memory, expandable to 768GB
- HP Smart Array P420i/ZM controller
- Quad-port 331i 1Gb Ethernet adapter
- Two 460W hot-pluggable power supplies

only **\$1999⁹⁹** #9080028

HP ProLiant DL380p G8 Server

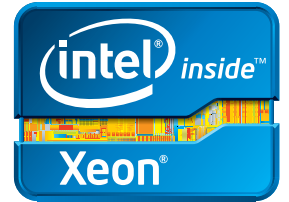
- 6-core Intel® Xeon® processor E5-2620 (15MB cache, 2GHz)
- 16GB DIMM memory, expandable to 768GB
- HP Smart Array P420i 512MB FBWC controller
- Quad-port 331i 1Gb Ethernet adapter
- Two 460W hot-pluggable power supplies

only **\$2299⁹⁹** #9080029

Data Wiping and Destruction Services

Ensure sensitive information is DoD wiped and hard drives are shredded.

HP SERVERS



Thanks to Intelligent Provisioning, setting up your new HP ProLiant DL380p G8 server is a cinch. Within three seconds of powering on, your server begins guiding you through a scripted configuration process complete with error checks.



HP ProLiant DL380p G8 Server

- Two 6-core Intel® Xeon® processors E5-2640 (15MB cache, 2.50GHz)
- 16GB DIMM memory, expandable to 768GB
- HP Smart Array P420i/1GB FBWC controller
- Quad-port 331FLR 1Gb Ethernet adapter
- Two 460W hot-pluggable power supplies

only **\$3899⁹⁹** #9077105

HP ProLiant DL380p G8 Server

- Two 8-core Intel® Xeon® processors E5-2660 (20MB cache, 2.20GHz)
- 32GB DIMM memory, expandable to 768GB
- HP Smart Array P420i/1GB FBWC controller
- Quad-port 331i 1Gb Ethernet adapter
- Two 750W hot-pluggable power supplies

only **\$5499⁹⁹** #9076557

Make room for more data in your data center



300GB HP SAS SFF 2.5" Enterprise-class Hard Drive

10,000RPM rotation speeds, 768MB/s data transfer rates, 6Gb/s SAS interface

only **\$279⁹⁹** #9233029



500GB HP SATA SFF 2.5" Midline Hard Drive

7200RPM rotation speeds, 768MB/s data transfer rates, 7-pin SATA/600 interface

only **\$329⁹⁹** #9080046



146GB HP SCSI SFF 2.5" Enterprise-class Hard Drive

15,000RPM rotation speeds, 768MB/s data transfer rates, 6Gb/s SAS interface

only **\$302⁹⁹** #9233034



HP 16GB PC3-10600 DDR3-1333 Memory

Conserve power and speed up your application processing with low-voltage RAM

only **\$199⁹⁹** #9077080

Condensed servers for lean data centers



The all-new ProLiant BL460c Gen8 server series has been built from the ground up for unprecedented performance, enhanced flexibility, and simplified management. Along with its upgrade to the blistering Intel® Xeon® E5-2600 processor family, this line of blade servers also gives you more DIMM

slots to hold up 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 **\$2999⁹⁹** #9084829



HP ProLiant BL460c G8 Server

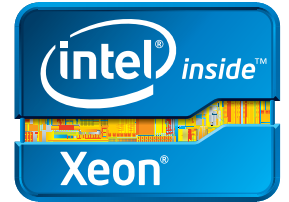
- Two 6-core Intel® Xeon® processors E5-2640 (20MB cache, 2.50GHz)
- 48GB DIMM memory, expandable to 512GB
- HP Smart Array P220i/512MB FBWC controller
- Dual-port 554FLB 10Gb network adapter
- Enclosure-based power

only **\$3999⁹⁹** #9084832

Assessment Services

Before your next IT investment, let our experts assess your infrastructure and create a roadmap that guides you to your IT goals.

HP SERVERS



To help future-proof your data center, HP incorporated their new FlexibleLOM network adaptors into the BL460c G8 line. This versatile technology allows you to switch between different connection standards without upgrading your hardware or installing a PCIe card.

HP ProLiant BL460c G8 Server

- Two 8-core Intel® Xeon® processors E5-2650 (20MB cache, 2GHz)
- 64GB DIMM memory, expandable to 512GB
- HP Smart Array P220i/512MB FBWC controller
- Dual-port 554FLB 10Gb network adapter
- Enclosure-based power

only **\$4999⁹⁹** #9084833



HP ProLiant BL460c G8 Server

- Two 8-core Intel® Xeon® processors E5-2670 (20MB cache, 2.60GHz)
- 64GB DIMM memory, expandable to 512GB
- HP Smart Array P220i/512MB FBWC controller
- Dual-port 554FLB 10Gb network adapter
- Enclosure-based power

only **\$7999⁹⁹** #9075187

Max out your memory for unparalleled performance



HP 4GB Low Power 1333MHz DDR3 Memory

Accelerate your Gen8 blade server with high-speed, low-voltage ECC memory

only **\$79⁹⁹** #9084837



HP 8GB Low Power 1333MHz DDR3 Memory

Crank up your processing speeds without drawing extra power with HP's low-voltage ECC memory

only **\$99** #9084838



500GB 6G SATA LFF 3.5" Midline Hard Drive

Designed for new Gen8 servers, these 7200RPM drives are built to enterprise-grade standards

only **\$249⁹⁹** #9080050



HP Insight Control Environment

One year of 24x7 support for one HP ProLiant or BladeSystem server

only **\$299⁹⁹** #7809780



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



Equip your business with bulletproof Tier 1 storage

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.

Grow with freedom in any direction

- One architecture and a single stack from midrange to high end
- Meet block, file, and object storage needs as they arise
- Ease data migration with storage federation software
- Affordable entry pricing and non-disruptive scalability to four nodes

Delivers enterprise features and resiliency at a price you can afford

- Automated DR configuration protects your data

- Mixed workload support increases your organization's consolidation opportunities
- Persistent technologies deliver high availability and Tier 1 resiliency
- Industry-leading thin technologies cut capacity requirements in half
- Automated subvolume tiering optimizes service levels and reduces costs

Simple to install, own, and upgrade

- New software suites simplify purchasing and lower costs
- SmartStart and Rapid Provisioning get you up and running in minutes
- Reconfigurable in just seconds without disruption
- Shares a single, simple management console with all HP 3PAR StoreServ
- Online Import makes upgrading from EVA effortless

Call for pricing!

#9431531 HP 3PAR StoreServ 7400 4-node Storage Base

#9431530 HP 3PAR StoreServ 7200 2-node Storage Base

**CALL!
CALL!**

Rock-solid HP switches



HP 2530-24G-POE+ Switch

Designed for entry-level to midsize enterprise networks, HP 2530-24G-POE+ Switches deliver full Layer 2 capabilities with enhanced access security, traffic prioritization, IPv6 host support, and PoE+. Plus, they're backed by a lifetime warranty.

- 24 10/100/1000 Ethernet ports and 4 Gigabit SFP ports
- 56Gb/s switching capacity with 41.6Mp/s throughput
- Supports up to 16,000 MAC addresses
- Power over Ethernet (PoE+) for voice, video, and wireless

only **\$1589⁹⁹** #9430629



HP E5406-44G-PoE+/4G-SFP v2 zl Switch

- 44 10/100/1000 Ethernet ports and 4 Gigabit SFP ports
- 379.2Gb/s switching capacity with 282.1Mp/s throughput
- Supports up to 64,000 MAC addresses
- Power over Ethernet (PoE+) built in

only **\$5429⁹⁹** #8242184

Dial up your data center's processing power with IBM servers



IBM System x3550 M4 7914 Server

- Quad-core Intel® Xeon® processor E5-2609 (10MB cache, 2.40GHz)
- 4GB DDR3 SDRAM, expandable to 384GB
- Four hot-swappable 2.5" SFF storage drive bays
- Quad-port Intel® Gigabit Ethernet controller
- ServeRAID H1115 storage controller
- One 550W hot-swappable power supply



IBM Storwize V3700 LFF Dual Control Enclosure Hard Drive Array

Ideal for small and midsize businesses looking to boost their data capacity without breaking the bank, the new IBM Storwize V3700 provides advanced storage features at an affordable price.

- 12 hot-swappable LFF 3.5" drive bays
- 1Gb/s iSCSI host interface
- Built-in thin provisioning to maximize capacity
- Easy to set up and maintain using IBM's intuitive Storwize user interface

Call for pricing! #9434162



Call PCM today to start configuring the optimal IBM x3550 M4 Server for your business.

only **\$2009⁹⁹** #9069946



DISASTER RECOVERY

- Data Center Consolidation
- Centralized Backups
- Data Protection
- Outage Identification
- Cloud-based Storage
- Automated Data Backup
- Virtual Recovery
- Disaster Recovery Support & Management
- Business Continuity Plan
- High Availability

PCM IS HERE TO HELP YOU PLAN FOR THE UNPLANNED

Having systems unavailable and people unproductive for days or hours can be disastrous in terms of lost revenue and customer dissatisfaction. In today's 24x7x365 workplace, you can't afford to be without the technology and information needed to run your business. And it's not just floods, fires, hurricanes, and tornados that can cripple your company—it's the more common events like hardware failures, bad backups, viruses, and power outages that can impact a business at any time.

The increasing number of physical disasters and security concerns has forced companies to place a 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.¹

There is no tolerance for downtime in today's business world. Think about the impact on employee productivity and customer communications when something as simple as email goes down. Now, consider when critical business applications are disrupted and the financial impact it could have if you're unable to process sales orders or service customers.

How PCM can help

In addition to industry standard solutions installed at your location, PCM also provides cloud-based DR solutions that leverage our SSAE 16 data centers and industry-leading Cloud services. Our offerings include proven DR solutions that address the demanding uptime requirements of today's business-critical applications with options to support different tiers of recovery objectives. Backed by ITIL-based processes

and certified engineers, all systems and processes are monitored 24x7 by qualified IOC support analysts that are just a phone call away.

Host-based replication

PCM offers two host-based replication solutions that provide recovery capabilities for both physical and virtual servers, leveraging secure Cloud-based infrastructure with cost-effective options for on-demand or always-on recovery servers.

One-to-one replication solutions provide the least amount of data loss and the fastest recovery times. In this highly available scenario, data is continuously repli-

little data loss and are tailored for recovery times of up to 24 hours.

Virtual recovery

PCM's Virtual Infrastructure DR services utilize VMware vCenter Site Recovery Manager 5 (SRM) with vSphere Replication to provide a hybrid Cloud recovery option. These services use Cloud-based storage and network resources along with a dedicated vSphere virtualization environment to support SRM's full capabilities, including non-storage based replication. vSphere Replication, included as part of SRM 5 licensing, provides a great

DR options. Our proven solutions meet today's demanding application uptime requirements. And while traditional DR methods are complex to deploy and put a significant strain on internal IT resources, our Cloud-based solutions are rapidly provisioned and operational to help ensure the availability of business applications.

What's next

Business 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 cost effectively. While there is no shortcut to planning for and testing a BC/DR solution, we can help you to break through the technical barriers and varied solutions to an effective BC/DR service without the huge capital expenditures and costly overhead.

About the Author

Ron Colbert brings 12+ years of IT industry experience to his role as Services Consultant at PCM. In his current position Ron helps clients map IT strategies to meet identified business objectives through PCM's Consulting Methodology.



61% of IT Executives report that purchasing or upgrading Business Continuity and Disaster Recovery capabilities is a top priority.

cated to the Disaster Recovery target, so failover can be achieved at the push of a button. IP address changes and other important functions are all automated and can be tested on a regular basis.

Similar to one-to-one options, many-to-one replication solutions provide

alternative to costly hardware-bound technologies and opens the door for flexible Cloud-based options.

Faster implementation, lower capital expenses

PCM's Disaster Recovery services provide a low-cost alternative to in-house

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



CA ARCserve® Backup

- For Microsoft Small Business Server Premium Edition 16.5
- Powerful data deduplication reduces your storage up to 95%

only **\$369⁹⁹** #9504936



APC SmartUPS 1500VA

- Delivers clean, network-grade power with automatic voltage regulation, noise filtering, and surge protection
- Optional Green Mode for more efficiency

only **\$649** #8253037



Tripp Lite Smart1500RM2U Rackmount UPS System

- Automatic voltage regulation corrects brownouts and overvoltages
- Comes with PowerAlert software

only **\$520⁹⁹** #354629

¹Available from <http://www.forrester.com/Forrsights+Security+Survey+Q2+2012/-/E-SUS1311>

Block intruders from accessing your systems



Dell SonicWALL TZ 215 TotalSecure 1 Year

Designed for small businesses, distributed enterprises, branch offices, and retail spaces, the Dell™ SonicWALL™ TZ 215 is the highest performing, most secure Unified Threat Management (UTM) firewall available today.

High-performance security engine

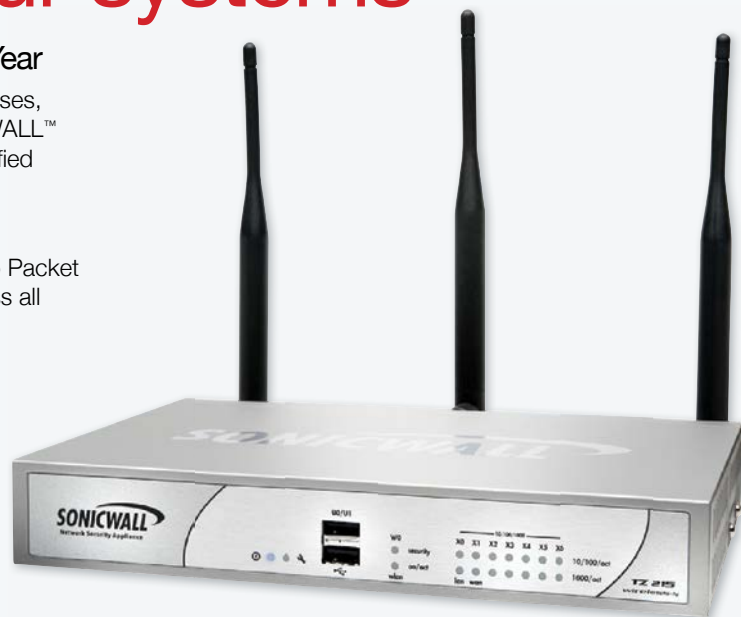
The TZ 215 uses patented Reassembly-Free Deep Packet Inspection™ to examine traffic simultaneously across all ports without introducing latency.

Integrated intrusion prevention

A tightly integrated intrusion prevention engine protects against an array of application-layer exploits that target both servers and client machines on the network.

Dell SonicWALL Mobile Connect™

SonicWALL Mobile Connect, a single unified client app for Apple® iOS and Google® Android™, provides smartphone and tablet users superior network-level access to resources over encrypted SSL VPN connections.



only **\$931** #9053121

Powerful, scalable, and cost-effective secure remote access

Dell SonicWALL SRA 4600 Base Appliance with 25 User License

Today, maintaining an edge in business often requires being able to access company information and work on files from anywhere. The Dell™ SonicWALL™ Secure Remote Access (SRA) 4600 appliance provides medium-sized businesses with a powerful, easy-to-use and cost effective secure remote access solution that requires no pre-installed client software.

Designed for organizations with up to 500 remote employees, the SRA 4600 offers granular policy configuration controls, seamless integration, mobile device support, and more. Remote employees can easily access email, files, and applications using the web-based Virtual Office or NetExtender, a lightweight client providing network level connectivity. And thanks to high availability, administrators can deploy a second SRA 4600 as a backup to the primary appliance to enhance uptime and reliability for all remote access users.



only **\$1449⁹⁹** #9425173



Meet your storage needs with affordable EMC VNXe Unified Storage

EMC VNXe Series Unified Storage

EMC's latest VNXe series redefines networked storage for smaller organizations that demand enterprise-grade features. VNXe delivers true storage consolidation, seamless management, and an application-driven interface.

Scalable up to 240TB, these unified storage devices are engineered for easy expansion. They boast built-in data management tools, including thin provisioning, file deduplication, and local or remote

replication. Plus, they can be ready for provisioning in 30 minutes.

- Support for file (CIFS and NFS) and block (iSCSI) storage snapshots and replication (local and remote)
- Application-focused storage provisioning designed with best practices built right in
- VMware and Hyper-V server integration
- A new Unisphere interface for simplified, intuitive storage management that doesn't skimp on features

Call for Pricing! #8522742

Protect and organize your rack-mounted equipment



Smart Rackmount UPS Systems

Tripp Lite's rackmount UPS systems prevent data loss, downtime, and equipment damage due to power outages, voltage fluctuations, and transient surges. They maintain regulated 120V nominal output without using battery power during brownouts and overvoltages.

- Advanced automatic voltage regulation corrects brownouts and overvoltages without consuming battery power

- 8 outlets arranged in 2 switchable load banks
- Simultaneous communications via SNMP/WEB/USB, and DB9 serial ports
- Corrects brownouts and overvoltages from 83 to 147V
- USB and DB9 ports work with the included PowerAlert software to provide complete power management
- \$250,000 insurance; 2-year standard warranty; 3-year with registration

The best protection available for your invaluable infrastructure.



SMART1500RM2U only **\$520⁹⁹** #354629

Defend your corporate networks while empowering greater collaboration with Cisco



Cisco ASA 5510

Your people need access to legitimate business applications while using their device of choice. But with that choice comes the need for greater visibility and control. Your business, regardless of size, can get an end-to-end network security solution with Cisco ASA 5500 Series Next-Generation Firewalls.

The Cisco ASA 5500 Series helps organizations to balance security with productivity. It combines the

industry's most deployed stateful inspection firewall with comprehensive next-generation network security services.

- Supports up to 250 concurrent VPN sessions
- 170Mb/s maximum VPN throughput
- Up to 130,000 firewall connections
- Up to 300Mb/s firewall throughput
- Eight 10/100, six 10/100/1000, and four SFP ports

Ideal for small enterprises and other commercial organizations, the Cisco ASA 5510 allows your remote workers to connect, collaborate, and complete their work without compromising your network's security.



only **\$859⁹⁹** #566775

Cisco ASA 5585-X

The Cisco ASA 5585-X Adaptive Security Appliance delivers superior scalability, performance, and security. It can handle high data volumes without sacrificing performance. This helps enterprises meet the increasing demands for network connectivity without the need to invest in additional data center space and incur the corresponding maintenance costs.

Unlike most security providers that require you to choose between a high-quality firewall and an effective intrusion

prevention system (IPS), Cisco combines a proven firewall with a uniquely comprehensive intrusion prevention system. This makes the Cisco ASA 5585-X Adaptive Security Appliance a powerful, effective security solution.

- Supports up to 10,000 concurrent VPN sessions
- 5Gb/s maximum VPN throughput
- Up to 10,000,000 firewall connections
- Up to 20Gb/s firewall throughput
- Up to 12 10/100/1000, eight 10GbE, and four 10/100/1000 management ports

With the highest VPN session counts, twice as many connections per second, and four times the connection capacity, the Cisco ASA 5585-X delivers peak performance.



Call for Pricing! #8250593

Scalable, flexible, high-performance wireless that's built for business

Cisco 5508 Wireless Controller

Cisco 5508 Wireless Controllers deliver reliable performance, enhanced flexibility, and zero service-loss for mission-critical wireless. With its high-speed 802.11n Wi-Fi signal, interactive multimedia applications, such as voice and video, can now perform flawlessly over the wireless network. What's more, clients can conveniently roam with no service interruption. And, flexible licensing allows you to easily add access point support or premium software features.

Maximum performance and scalability

- Support for up to 500 access points and 7000 clients
- Nine times the performance of 802.11a/g networks
- Ability to manage 500 access points simultaneously
- Improved mobility and services

Reliable connections even in the most demanding environments

- Larger mobility domain for more simultaneous client associations
- Uninterrupted network access when roaming
- Consistent streaming video and reliable, toll-quality voice

Licensing flexibility and investment protection

- Option to add additional access points and feature licenses over time
- A scalable and secure teleworking solution

Cisco OfficeExtend extends the corporate network to teleworkers, full- and part-time home office workers, and mobile contractors using a wireless access point and controller. It provides secure, rich wireless network services to employees regardless of their location.



As a component of the Cisco Unified Wireless Network, this controller provides real-time communications to deliver centralized security policies, wireless intrusion prevention system (IPS) capabilities, award-winning RF management, and QoS.

only **\$6439⁹⁹** #7821473



The LCD display provides a quick view of key UPS stats.

Smart solutions from APC that keep your systems running

APC SmartUPS 1500VA LCD RM 120V

When it comes to protecting your vital equipment from surges, blackouts, and dirty power, turn to a trusty APC SmartUPS. In addition to its legendary reliability and manageability, your SmartUPS has extremely high efficiency at low, medium, and high load levels, making it ideal for today's multi-core or virtualized servers with varying load consumption.

Because they mount right in the rack, APC SmartUPS devices are perfect as the primary or redundant line of defense for blade or density-optimized servers in a distributed power protection environment. Plus, they feature a 16-segment LED display and extended range automatic voltage regulation (AVR).

- Delivers clean, network-grade power with automatic voltage regulation, noise filtering, and surge protection
- Built-in LCD display shows you detailed, accurate UPS information and lets you configure locally
- Green Mode runs at optimal energy efficiency
- Advanced battery management tools compensate for temperatures to extend battery life
- Comes complete with software, documentation, installation guide, rack mounting support rails, Smart UPS signalling RS-232 cable, and USB cable

only **\$649** #8253037
#7973012 SmartUPS 1000VA LCD 120V Tower **\$449⁹⁹**

No power outlet needed – the G-DRIVE® mini supports bus power.



1TB G-Technology G-DRIVE® mini

Whether you're at your desk creating a stunning ad campaign or on the road pitching your idea, the G-DRIVE mini has the speed, capacity, and durability to fit right into your dynamic workflow.

- The perfect portable hard drive for creative professionals
- Equipped with both USB 3.0 (backwards compatible with USB 2.0) and FireWire 800 connection ports
- 7200RPM drive for unbeatable seek speeds
- Sturdy aluminum construction with a built-in heat sink

only **\$199⁹⁵** #9418917

#9222672 8TB G-Technology G-Raid with Thunderbolt

\$799⁹⁵

16TB WD Sentinel DX4000 NAS

WD Sentinel comes with everything you need to centralize your business files. Once it's set up, it intelligently manages drive and network status, reducing maintenance time so you can focus on your business.

- Simple to set up, update, and manage
- Enterprise-class data protection features
- Two USB 3.0 and two Gigabit Ethernet ports



The easy plug-and-play set up allows you to integrate WD Sentinel into your office network like an IT pro.

only **\$1799** #9384190

#9379034 500GB WD My Passport Enterprise USB 3.0

\$109⁹⁹

Crisp, wireless printing from HP

Enjoy higher quality and lower costs with HP



HP Officejet Pro 8600 e-All-in-One Printer

With the Officejet Pro 8600 e-All-in-One, you can produce professional color for up to 50% less per page than lasers and accelerate your productivity with faster printing, wireless connectivity, and mobile printing.

Whether you're in the office or off on a business trip, it lets you print from your mobile device using HP ePrint. Plus, you can pull up apps on its web-connected display to print stored files. Anyway you look at it, the advanced Officejet Pro 8600 will be an asset to your office.

- Prints, copies, scans, and faxes
- Up to 32ppm color and B&W print speeds (vary with use)
- 1200x600dpi maximum resolution

- 25,000-page monthly duty cycle
- 35-page auto document feeder
- Up to 4800x4800dpi optical scanning resolution
- 802.11b/g/n Wi-Fi, Ethernet, and USB 2.0

only **\$199⁹⁹** #8899075
Call for additional savings! See pcm.com for pricing!



HP Officejet Pro 8100 ePrinter N811a

- Up to 35ppm color and B&W print speeds (vary with use)
- 4800x1200dpi maximum resolution
- 25,000-page monthly duty cycle
- 802.11b/g/n Wi-Fi, Ethernet, and USB 2.0

~~\$149⁹⁹~~ **\$99** #8979073

Price after \$50 instant rebate. Offer valid 4/1–5/14.

HP LaserJet Pro M1217nfw Monochrome Multifunction Printer

- B&W printing, copying, scanning, and faxing
- Up to 19ppm B&W print speeds (vary with use)
- 600x600dpi maximum print resolution
- Ethernet and USB 2.0 connections

Blow through big copying and faxing jobs with the built-in 35-page ADF.



only **\$328⁷⁰** #8329936

Call for additional savings! See pcm.com for pricing!

Use the color touchscreen to set up print jobs, access the web, and more!



HP LaserJet Pro 200 M251nw Printer

- Up to 14ppm color and B&W print speeds (vary with use)
- 600x600dpi maximum print resolution
- 30,000-page monthly duty cycle
- 802.11b/g Wi-Fi, Ethernet, and USB 2.0

~~\$329⁹⁹~~ **\$229** #9339297

Price after \$100 instant rebate. Offer valid 5/1–6/14

Powerful printers & scanners

LEXMARK

Lexmark MS310dn Network-ready Monochrome Laser Printer

- Up to 35ppm B&W print speeds (print speeds will vary with use)
- 1200×1200dpi maximum print resolution
- 800MHz dual-core processor • 128MB of memory
- Simple to set up and connect to your network
- 50,000-page monthly duty cycle
- Ethernet networking and USB 2.0 inputs

The Lexmark MS310dn's compact design won't hog your desk space.



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FUJITSU



ScanSnap iX500 Desktop Scanner

- Rapid 25 pages per minute scanning at 300dpi
- Scans directly to iOS and Android mobile devices
- Scan to cloud capability — scans to Evernote, SugarSync, Salesforce Chatter, Google Docs, Dropbox, and more
- USB 3.0 connectivity with USB 2.0 backwards compatibility

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#8266417 ScanSnap S1100 Instant PDF Document Scanner

\$215⁹⁹

xerox

Xerox Phaser 6500DN Color Laser Printer

- Up to 24ppm color and B&W print speeds (print speeds will vary with use)
- 600×600dpi maximum print resolution
- PANTONE digital color management
- 40,000-page maximum monthly duty cycle
- Gigabit Ethernet and USB 2.0 connectivity



~~€499~~ **\$349** #8303299

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brother at your side



Brother HL-5450DN Laser Printer

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- 1200×1200dpi maximum print resolution
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- Ethernet and Hi-Speed USB 2.0 interfaces

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When combined with active shutter glasses, this projector uses DLP Link technology to create impressive 3D images.

Captivate your audience



NEC NP-VE281X DLP 3D Projector

NEC's 2800-lumen VE281X mobile projector is designed to provide high brightness for small-to-medium-sized businesses, education environments, corporate conference rooms and mobility applications where heavy ambient light is present but the space requires a small projector. This lightweight model is affordable with essential features, including 3D Ready technology, 3000:1 contrast ratio and a powerful 7W speaker.

- Ultra-bright 2800 lumens
- 3000:1 contrast ratio

- 1024 x 768 XGA native resolution
- 3D capable
- Built compact for maximum portability
- 7W speaker
- Up to 6000 hours of lamp life in ECO Mode
- HDMI and VGA video inputs

only **\$449** #9430789

#8282888	NEC P350X LCD 3D Projector	\$889⁹⁹
#9424242	NEC NP-M311X LCD Projector	\$829
#8346722	NEC NP-V300X DLP Projector	\$729⁹⁹

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- Tape the return label provided to you on the box and ensure the return authorization number is clearly marked. Do not write on the original manufacturer's box.
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- 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.pcm.com.
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VENDOR	Garmin	HP/COMPAQ	Hitachi	IBM	Lenovo	
TECH SUPPORT #	800.800.1020	800.474.6836	800.448.2244	Parts & Warranty 800.388.7080	800.426.7378	
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According to a recent 2012 CFO study, 60% of enterprise companies have already implemented Cloud-based systems to some extent, and

76% of respondents believe cloud computing is important to a company's overall success over the next 12-18 months.¹ The benefits of Cloud computing are clearly present with today's business models delivering IT services to clients, employees, business partners, and key stakeholders.

Why are more organizations switching to Cloud? Because it enables rapid delivery and consummation of IT on-demand services in a world of dynamic business drivers. Companies leveraging Cloud services are more agile, flexible, and adaptable to market changes. And today's CFOs are rewriting the book on IT expenditures and how companies reevaluate CAPEX to increase ROI through streamlined OPEX models. These tangible benefits improve management decision making involving IT budget planning and reporting.

Our Cloud Approach

PCM Services works with clients in many capacities to identify and design custom Cloud services that are right for their business. This consultative approach requires a close working relationship with the client and consists of five phases:

- **Design** — Understanding the business and technical requirements
- **Build** — Creating private, Public, Hybrid, and Hybrid+ Cloud solutions
- **Migrate** — Moving data and applications to the Cloud
- **Manage** — Enforcing single interface models and Service Level Agreements (SLAs)
- **Protect** — Ensuring security measures, regulatory compliance, availability, and recovery

Companies wanting to take full advantage of today's advanced IT solutions

are leveraging many forms of Cloud services. These services help to maximize their company's IT ROI while realizing greater flexibility in cost management, productivity, and overall business strategy.

Customer Benefits

As the 2012 CFO study points out, "The benefits of the cloud are real and achievable, but today's CFOs need to look beyond the immediate savings of cloud subscription to the future use of cloud application and its role in the business." Customers partner with PCM's Managed Services to host and deliver a number of Cloud Services that are tailored to their business and IT requirements, including:

- Extended systems compute capacity to run the production systems
- Entire storage capacity to run critical databases, applications, and operations
- Secure network infrastructure with Cisco core backbone, VPNs, and MPLS connections
- Application monitoring and management support to ensure 24 x 7 x 365

availability of critical applications like Exchange, Citrix, and Active Directory. The president of a current customer expressed the benefits this way: "Having PCM host and manage our entire data center computing needs enabled us to focus on the business aspects of building a successful enterprise. Our goal was not to build an internal IT staff, but rather rely on data center experts with the scalability and flexibility capabilities to grow with us over time."

How PCM Cloud Services Can Help You

PCM is well positioned to deliver a variety of Cloud services and solutions to meet any company's complex IT service management needs. For the past two-decades, we have designed, built, and managed data center centric solutions. And as Cloud became

more prevalent over the past decade, we have kept pace and have been recognized as a leader in the Managed Services Provider space.

According to the 2013 MSPmentor study, we are ranked #3 nationally and in the Top 10 worldwide for delivering data center solutions and expertise. This recognition is appreciated and demonstrates our commitment to providing exceptional Managed Services. We adhere to ITIL v3 Best Practices, following proven processes that run and maintain IT shops with defined SLAs. Moreover, our data centers undergo extensive audits — including SSAE 16 SOC2 and PCI Data Security Standards (DSS) certifications — every year to ensure operational excellence.

Our goal was not to build an internal IT staff, but rather rely on data center experts with the scalability and flexibility to grow.

Whether you're considering dedicated Hosted, Hybrid Private, or Public Cloud offerings, our services meet the highest regulatory and compliant requirements, including:

- Infrastructure as a Service (IaaS) enables corporations to leverage on-demand IT assets (servers, storage, and networks) in a similar fashion as a utility model — quickly turning up and down compute resources as business needs change. This agile approach to computing services is gaining momentum in the marketplace as companies navigate to stay competitive.
- Software as a Service (SaaS) provides companies the ability to utilize applications (Microsoft Outlook, SharePoint, and CRM) on a monthly flat-fee basis without having to invest in IT assets and infrastructure. This low-cost approach to consuming

a business service allows corporations to manage and forecast budgets without spikes in CAPEX.

- Disaster Recovery as a Service (DRaaS) is a vital solution for companies that need to service their clients, employees, and business partners with critical systems and data for continuous operations. Our robust, reliable, and secure data centers offer several benefits to those companies seeking to take control of their Disaster Recovery Programs. Plus, our redundantly designed data centers are built to withstand natural disasters and offer peace-of-mind to companies in highly regulated businesses such as Finance, Healthcare, and Banking industries.

This move to Cloud changes the very nature of IT Services. It shifts from the process of evaluating and investing in technology assets to how the business can utilize technology and applications to deliver competitive business services to grow into new markets and improve service to its customers.

About the Author

Matt Smith has 20+ years of experience in the IT industry. His career has included positions with IBM, SunGard, and Compuware. He currently serves as a Services Solution Consultant in Columbus, OH, where he helps PCMG Midwest enterprise sales reps with sales proposals and services pre-sales activities.



¹Findlay, M. B., Hyatt, J., Rosenbaum, D. (2012). *Conquering the Cloud*. Retrieved from <http://cfo.com/whitepapers/index.cfm/displaywhitepaper/14667557>



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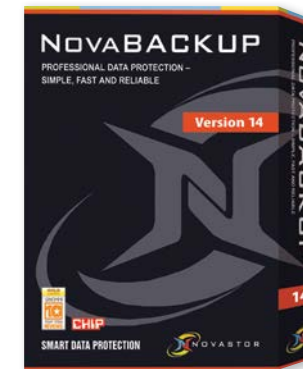
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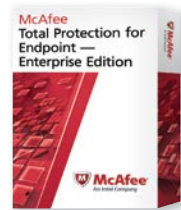
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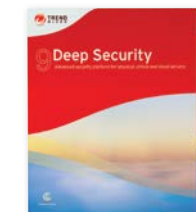


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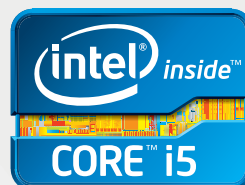
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