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Planning for the Unplanned

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Mobile device usage is on the rise, but is your infrastructure ready to handle the demands?
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MacBook Pro with Retina display

It's a whole new vision for the notebook.



MacBook Pro with Retina display

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

MacBook Pro with Retina display Blowout Models. While Supplies Last!

Model	Size	Processor	RAM	Flash Storage	Price
#9418688	13.3"	2.5GHz Dual-core Intel® Core™ i5	8GB	256GB	\$1499 ⁹⁹
#9418712	13.3"	2.5GHz Dual-core Intel® Core™ i5	8GB	512GB	\$1699 ⁹⁹
#9418740	13.3"	2.5GHz Dual-core Intel® Core™ i5	8GB	768GB	\$2099 ⁹⁹
#9418743	13.4"	2.9GHz Dual-core Intel® Core™ i7	8GB	256GB	\$1599 ⁹⁹
#9418749	13.3"	2.9GHz Dual-core Intel® Core™ i7	8GB	512GB	\$1799 ⁹⁹
#9529008	13.3"	2.9GHz Dual-core Intel® Core™ i7	8GB	512GB	\$1799 ⁹⁹
#9418752	13.3"	2.9GHz Dual-core Intel® Core™ i5	8GB	768GB	\$2349 ⁹⁹
#9232232	15.4"	2.3GHz Quad-core Intel® Core™ i7	8GB	256GB	\$1899 ⁹⁹
#9232233	15.4"	2.6GHz Quad-core Intel® Core™ i7	8GB	512GB	\$2299 ⁹⁹
#9232504	15.4"	2.6GHz Quad-core Intel® Core™ i7	16GB	512GB	\$2399 ⁹⁹
#9530109	15.4"	2.7GHz Quad-core Intel® Core™ i7	16GB	768GB	\$2799 ⁹⁹



MacBook Air

Now it's even faster than it looks.

The ultimate everyday notebook is better than ever. MacBook Air® now features the latest Intel® processors, faster graphics, faster flash storage,¹ and a 720p FaceTime® HD camera. All packed into a notebook that's incredibly thin and light.

Model	Size	Processor	RAM	Flash Storage	Price
#9232212	11.6"	1.7GHz Dual-core Intel® Core™ i5	4GB	64GB	\$989
#9232215	11.6"	1.7GHz Dual-core Intel® Core™ i5	4GB	128GB	\$1089
#9232217	13.3"	1.8GHz Dual-core Intel® Core™ i5	4GB	128GB	\$1189
#9232219	13.3"	1.8GHz Dual-core Intel® Core™ i5	4GB	256GB	\$1394

¹As compared with the previous-generation MacBook Air. Apple, the Apple Logo, Facetime, MacBook Air, MacBook Pro, OS X and Retina are trademarks of Apple Inc., registered in the U.S. and other countries.



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.

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.



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. **1GB = 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 trademarks of Apple Inc., registered in the U.S. and other countries.



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Intel

Ultrabook, Celeron, Celeron Inside, Core Inside, Intel, Intel Logo, Intel Atom, Intel Atom Inside, Intel Core, Intel Inside, Intel Inside Logo, Intel vPro, Itanium, Itanium Inside, Pentium, Pentium Inside, vPro Inside, Xeon, and Xeon Inside are trademarks of Intel Corporation in the U.S. and/or other countries.

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From single item purchases to complex procurements, PCMG is the reseller of choice for thousands of federal, state, and local government customers. And from tablet computers to the data center — and everything in between — we have the solutions and services you need to fulfill your IT mission.

Contracts & Procurement Options

Federal Government Wide Acquisition Contracts

GSA Contract: GSA-35F-5946H
 ECS III Contract: HHSN2639999004561
 NASA SEWP IV Contract: NNG07DA08B & NNG07DA62B

Agency Specific Contracts, Blanket Purchase Agreements, and Portals

NASA HQ, World Bank, DoD Email, DOE, AFWAY, Intramalls, and many more.

Leading State and Local Contracts

California Multiple Award Schedule
 California Department of General Services (Microsoft)
 Commonwealth of Virginia Accessories, Peripherals, & Software
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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 PCMG Can Help

With the explosive demand for enterprise mobility solutions, PCMG 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

PCMG experience is the top of the game. The entire process is managed and maintained wholly within PCMG, 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 an organization, it is important to plan a solution that is custom tailored to pair perfectly with the way your organization 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 organization. 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 PCMG 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 organization. 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 organization.

Success Starts at PCMG

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.



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

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		✓
	Lookthrough apps, documents, and your entire PC with one simple Search		✓
	Works with Windows desktop software, including the full Microsoft Office experience	✓	✓
	Run many older Windows XP productivity apps with Windows XP Mode		✓
Security	Includes Internet Explorer 10 for more secure, fast, intuitive browsing		✓
	Trusted boot helps ensure your device is secure every time it starts up		✓
	Provides enhanced data protection with BitLocker and BitLocker To Go drive encryption		✓
Mobility	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	✓	✓
	Location Aware Printing automatically prints to the correct network printer, whether at home or at work		✓
Control	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

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#9430845 64GB HP ElitePad 900 G1 Tablet

\$699



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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

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



Case & Stand!

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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



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Lenovo ThinkPad Tablet 2 3679

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- 8 MP rear-facing camera • 720p webcam
- 802.11a/b/g/n wireless • Bluetooth 4.0
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- Windows® 8 Pro 32-bit operating system

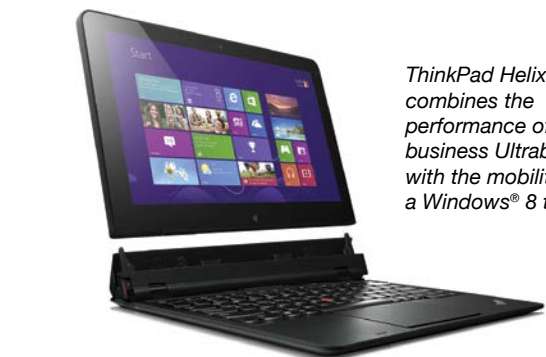
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- 3rd gen Intel® Core™ i5 (3MB cache, 2.70GHz)
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- 128GB solid state storage

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- 64GB solid state storage

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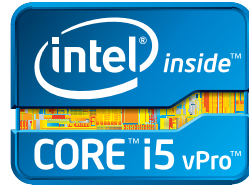


Lenovo ThinkPad Twist S230u

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

~~\$1089⁹⁹~~ **\$989⁹⁹** #9390818
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HP's pint-sized PC powerhouses



Surface space is precious real estate in any office. Old-school desktop PCs used to be real desk hogs, but HP is changing the rules of the game. Their innovative line of Small Form Factor PCs squeezes powerful computing

strength into an ultra-compact chassis for the ultimate blend of speed and size. Even though these systems sport a small footprint, they still have room to grow with more memory, larger storage drives, and graphics cards.



HP Compaq 6300 Pro Small Form Factor PC

- 3rd gen Intel® Core™ i5 processor (6MB cache, 3.20GHz)
- 4GB RAM • 500GB hard drive
- DVD±RW SuperMulti DL drive
- Gigabit Ethernet networking
- Windows® 8 Pro & Windows® 7 Professional 64-bit

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- 3rd gen Intel® Core™ i5 vPro® processor (6MB cache, 3.20GHz)
- 4GB RAM • 500GB hard drive
- SuperMulti DVD drive
- Gigabit Ethernet networking
- Windows® 8 Pro & Windows® 7 Professional 64-bit

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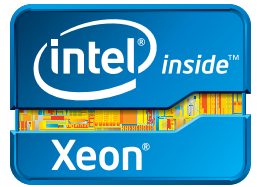


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Editing videos, designing 3D CAD drawings, and manipulating photos — big jobs demand a lot of processor power. Base-model PCs just don't have the backbone for these types of creative projects, but the HP Z-Series of

workstations is up to the task. With strong Intel® Xeon® CPUs and lots of room for upgrades, they're perfect for power users. Contact your Account Executive for more details about these robust systems.



HP Z-Series Workstations come with the latest Intel® Xeon® processors for unparalleled performance.

HP Z420 Workstation

- Quad-core Intel® Xeon® processor E5-1620 (10MB cache, 3.60GHz)
- 16GB DDR3 ECC RAM
- 1TB hard drive
- Open graphics card slot
- DVD±RW SuperMulti drive
- Gigabit Ethernet networking
- Windows® 7 Professional 64-bit

only **\$1877** #9076578
Display sold separately.

HP Z620 Workstation

- Two 6-core Intel® Xeon® processors E5-2620 (15MB cache, 2GHz)
- 12GB DDR3 ECC SDRAM
- 500GB hard drive
- Open graphics card slot
- DVD±RW SuperMulti drive
- Gigabit Ethernet networking
- Windows® 7 Professional 64-bit

only **\$2619⁹⁹** #9076586
Display sold separately.

HP Z820 Workstation

- 8-core Intel® Xeon® processor E5-2670 (20MB cache, 2.60GHz)
- 16GB DDR3 ECC RAM
- 1TB hard drive
- Open graphics card slot
- DVD±RW SuperMulti drive
- Gigabit Ethernet networking
- Windows® 7 Professional 64-bit

only **\$3939⁹⁹** #9076597
Display sold separately.

Critical components for creative professionals



HP 2GB PC3-10600 DDR3 1333MHz

Boost your workstation's performance by maxing out with premium HP memory

only **\$19⁹⁸** #7983210



HP ZR2440W 24.1" LED-backlit IPS Monitor

1920 x 1200 resolution, 1000:1 contrast ratio, 6 ms response time, 4-port USB hub

only **\$379⁹⁹** #8907838

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.

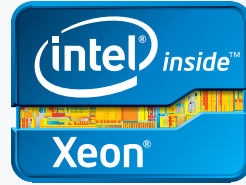
In April 2012, we announced a number of new systems that employ the Intel® Xeon® processor E5 family. These products include Sun Fire* X4170 M3 and the Sun Fire X4270 M3, both of which are rack systems, and the Sun Blade* X6270 M3, which is an x86 server blade module for use in the Sun Blade 6000 chassis.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

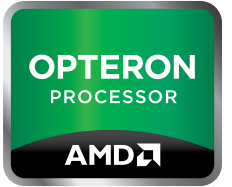
¹Software and workloads used in performance tests may have been optimized for performance only on Intel microprocessors. Performance tests, such as SYSmark and MobileMark, are measured using specific computer systems, components, software, operations, and functions. Any change to any of those factors 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 (CO 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.

Thanks to HP Intelligent Provisioning, Active Health System, and Smart Update, the DL360e Gen 8 family of servers is incredibly self-sufficient.



Sharpen up your data center with Blade servers



The ProLiant BL465c 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 AMD Opteron™ 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 BL465c servers.



Modernize your server room with HP's DL360e appliances

Tomorrow's data center technology has arrived. The new Gen8 series of HP ProLiant DL360e servers has been completely redesigned to make your systems smarter, faster, and more self-sustaining than ever before. Whether your organization is running a physical or virtual data center, the new HP ProLiant DL360e G8 series of servers has the

robust processing power, massive memory capacity, and automated management features you need to work at peak performance. Plus, 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.



The BL465c G8 line uses FlexibleLOM network adapters, which allow you to switch between different connection standards without upgrading your hardware or installing a PCIe card.

HP ProLiant DL360e Gen 8 Server

- Quad-core Intel® Xeon® processor E5-2403 (10MB cache, 1.80GHz)
- 8GB RAM (expandable to 384GB)
- Eight hot-swappable SFF drive bays
- HP Dynamic Smart Array B320i/512MB FBWC controller
- Quad-port 366i Ethernet controller
- Two 460W Gold hot-swappable power supplies

only **\$1299⁹⁹** #9233072

HP ProLiant DL360e Gen 8 Server

- 6-core Intel® Xeon® processor E5-2420 (15MB cache, 1.90GHz)
- 16GB RAM (expandable to 384GB)
- Eight hot-swappable SFF drive bays
- HP Dynamic Smart Array B320i/512MB FBWC controller
- Quad-port 366i Ethernet controller
- Two 460W Gold hot-swappable power supplies

only **\$1799⁹⁹** #9233076

HP ProLiant DL360e Gen 8 Server

- Two 6-core Intel® Xeon® processors E5-2440 (15MB cache, 2.40GHz)
- 32GB RAM (expandable to 384GB)
- Eight hot-swappable SFF drive bays
- HP Dynamic Smart Array B320i/512MB FBWC controller
- Quad-port 366i Ethernet controller
- Two 460W Gold hot-swappable power supplies

only **\$3299⁹⁹** #9233080

HP ProLiant BL465c Gen 8 Server

- Two 8-core AMD Opteron™ processors Model 6320 (16MB cache, 2.80GHz)
- 64GB DIMM, expandable to 512GB
- HP Smart Array P220i/512MB FBWC controller
- Dual-port 10Gb 554FLB FlexFabric network controller
- Two hot-swappable SFF drive bays

only **\$2999⁹⁹** #9429962

HP ProLiant BL465c Gen 8 Server

- Two 8-core AMD Opteron™ processors Model 6220 (16MB L3 cache, 3GHz)
- 64GB DIMM (expandable to 512GB)
- HP Smart Array P220i/512MB FBWC controller
- Dual-port 10Gb 554FLB FlexFabric network controller
- Two hot-swappable SFF drive bays

only **\$3599⁹⁹** #9233098

HP ProLiant BL465c Gen 8 Server

- Two 16-core AMD Opteron™ processors Model 6378 (16MB L3 cache, 2.40GHz)
- 64GB DIMM (expandable to 512GB)
- HP Smart Array P220i/512MB FBWC controller
- Dual-port 10Gb 554FLB FlexFabric network controller
- Two hot-swappable SFF drive bays

only **\$4339⁹⁹** #9429957

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



Equip your agency 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!



Proliant ML350e's Active Health System provides continuous monitoring for greater stability and shorter downtimes.



Towering server strength packed in a compact tower

HP ProLiant ML350e Gen 8 Server

The HP ProLiant ML350e Gen8 is a dual processor tower platform built on the latest Intel® Xeon® E5-2400 processors to create a powerful system architecture. This unique architecture — as well as flexible deployment options — allow you to scale as needed and optimize your IT spending dollars. The HP ProLiant ML350e Gen8 delivers the industry's most powerful embedded management technology with HP integrated Lights-Out 4 (iLO4), giving you the freedom and flexibility to manage your servers anytime and from anywhere.

True 2P server optimized for price performance

- Unprecedented performance and technology with the latest Intel® Xeon® E5-2400 processor and integrated DDR3 memory architecture that supports both Registered and Unbuffered memory

Less upfront investment with room to grow

- Flexible design provides low-cost expansion capabilities as your organization grows, giving you the flexibility of adding a second processor, additional hard drive space, more memory, and more storage

Reduced overall complexity of server deployment and management

- HP iLO simplifies server setup and enables secure remote management
- HP Agentless Management provides for built in monitoring and alerting capability the moment the system turns on
- HP Intelligent Provisioning offers out-of-box single-server deployment and configuration without physical media

Key specs

- Quad-core Intel® Xeon® processor E5-2403 (10MB cache, 1.80GHz)
- 8GB RAM (expandable to 96GB)
- 24 hot-swappable hard drive bays
- HP Dynamic Smart Array B120i storage controller
- Dual-port NC361i Ethernet controller
- 460W power supply

only **\$1139⁹⁹** #9381742

#9346544 HP ProLiant ML350e Gen8 - Intel® Xeon® E5 1.90GHz **1519⁹⁹**
 #9084835 HP ProLiant ML350p Gen8 - Intel® Xeon® E5 2GHz **1919⁹⁹**

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

PCMG 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 organization. And it's not just floods, fires, hurricanes, and tornados that can cripple your systems—it's the more common events like hardware failures, bad backups, viruses, and power outages that can impact an organization at any time.

The increasing number of physical disasters and security concerns has forced organizations 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 environment. Think about the impact on 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.

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

Recovery strategies should be developed to anticipate the loss of one or more of the following:

- Computer room environment (secure computer room with climate control, conditioned and backup power supply, etc.)
- Hardware (networks, servers, desktop and laptop computers, wireless devices and peripherals)
- Connectivity to a service provider (fiber, cable, wireless, etc.)
- Software applications (Email, EDI, office productivity, etc.)
- Data and restoration

Some business applications cannot tolerate any downtime. They utilize dual data centers capable of handling all data processing needs, which run in parallel with data mirrored or

synchronized between the two centers. This is a very expensive solution that only larger organizations can afford. However, there are other solutions available for small to medium sized organizations with critical business applications and data to protect.

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. PCMG offers products and solutions that can help you to get back up and running when a disaster strikes. From backup software to power & cooling and more, we've got you covered.

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

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

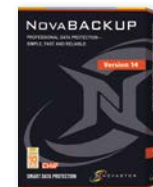
only **\$639⁹⁹** #8253037



Tripp Lite Smart1500RM2U Rackmount UPS System

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

only **\$520⁹⁹** #354629



NovaBACKUP® DataCenter 5.0 Enterprise Backup Solution for Gov/Ed

- Smart backup for up to 50 servers

Call for Pricing #9580962



Quantum SuperLoader 3 16-Slot Automated Tape Backup System

- Up to 100TB of storage capacity

only **\$4299⁹⁹** #9453281



EMC VNXe Series Unified Storage Device

- Scalable up to 240TB
- File and block storage snapshots

Call for Pricing #8522742

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

High-performance networking equipment



Dell SonicWALL TZ 215 TotalSecure

The Dell™ SonicWALL™ TZ 215 is the highest performing, most secure Unified Threat Management (UTM) firewall available today. Along with protecting against a range of threats, it delivers the broadest mobile platform support for laptops, smartphones, and tablets.

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 corporate and academic resources over encrypted SSL VPN connections.



Dual-band wireless

Ideal for retail and office environments, dual-band wireless provides integrated 802.11a/b/g/n secure access over both the 2.4GHz and the 5GHz spectrums.

only **\$931** #9053121



Armed with 2.5" drives, the PowerVault takes up less space and consumes less power.

Expand your organization's storage capacity with Dell

Dell PowerVault MD1200 Direct

Dell™ PowerVault™ MD1200 direct-attached storage array is the second generation of Dell's low-cost, high-capacity expansion enclosure that improves density, versatility, and performance over previous generation to enhance support for mainstream and capacity-intensive applications.

The PowerVault™ MD1200 offers seamless expansion for Dell™ PowerEdge servers with the PERC H800 Host-RAID adapter and provides you with the most drive flexibility of any Dell direct-attach storage arrays.

- Supports mainstream and capacity-intensive applications such as email, backup to disk, and video streaming
- Seamless server expansion for 6Gb/s SAS environments
- Deployment and drive versatility good for investment protection and data tiering
- Keep your data safe with redundant path I/O load balancing and self-encrypting drives (SED)

only **\$8319⁹⁹** #8239144

Access critical data remotely and securely

Dell SonicWALL SRA 4600 VPN Gateway

Keeping up with the daily grind often requires giving employees secure access to information so they can work on files from anywhere – and that's exactly what the Dell™ SonicWALL™ SRA 4600 VPN Gateway delivers. 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.

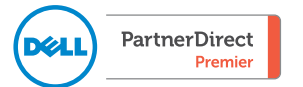
The SRA 4600 works with virtually any firewall, though deploying it alongside a Dell™ SonicWALL™ firewall

delivers enhanced security benefits. The multi-layered protection of Dell™ SonicWALL™ Clean VPN secures both VPN access and traffic. All authorized SSL VPN traffic is decrypted and decontaminated before it enters the network environment. While cleaning inbound traffic for malware, outbound traffic is verified in real time.

- Enables access from Windows®, Mac OS®, iOS, Google® Android™, and Linux® devices
- SSL encryption, tokenless two-factor authentication and rich access-privilege management
- Optional remote support, secure virtual meeting, Web Application Firewall, and End Point Control



only **\$1449⁹⁹** #9425173



Easy-to-use, comprehensive, and affordable deployment solutions

Dell KACE K2000 Deployment Appliances

Dell™ KACE™ K2000 Deployment Appliances represent a fully integrated systems provisioning solution that can help eliminate the complexities of software-based deployment processes through a simple interface and comprehensive functionality.

No matter the size of your organization, the Dell™ KACE™ K2000 can fulfill your systems deployment needs while significantly reducing the strain on your IT resources. In a fraction of the time it takes to deploy systems using software-based solutions, you can perform inventory

assessments, OS imaging, application provisioning, and data migration and recovery tasks.

- Enjoy centralized control with an intuitive web-based console that allows for one-click updates and requires minimal training to use
- Simplify pre- and post-deployment configuration tasks through automated processes
- Keep costs low with plug-and-play deployment and self-healing capabilities

Call for pricing!



Meet your storage needs with affordable EMC's 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



Defend against data center downtime with APC power appliances

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.

- 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

only **\$639⁹⁹** #8253037



#7973011	SmartUPS C 1440VA LCD	\$501
#7973012	SmartUPS 1000VA LCD 120V Tower	\$399
#8253038	SmartUPS 1000VA LCD Rack-mountable	\$478⁹⁹
#7973011	SmartUPS SMT1500	\$499
#8253039	SmartUPS SMT2200RM2U	\$999⁹⁹
#8253040	SmartUPS SMT3000RM2U	\$1189⁹⁹
#7950102	SmartUPS SMX1500RM2U	\$712
#7950103	SmartUPS SMX1500RM2UNC	\$979⁹⁹
#7973013	SmartUPS SMT750	\$289⁹⁹
#7973012	SmartUPS SMT1000	\$449
#8253038	SmartUPS SMT1000RM2U	\$478⁹⁹

Protect and organize your rackmount 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
- 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 line of defense available for your invaluable infrastructure.

SMART1500RM2U only **\$520⁹⁹** #354629

Order#	Model	Outlets	Price
#419582	SMART500RT1U	7+USB+DB9	\$162⁹⁹
#473961	SMART1000RM1U	6+USB+DB9	\$457⁹⁹
#354629	SMART1500RM2U	8+USB+DB9	\$520⁹⁹
#948450	SMART2200RM2U	8+USB+DB9	\$793⁹⁹

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



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

only **\$1799** #9384190

#9379034 1TB My Passport Enterprise Portable Hard Drive **\$109⁹⁹**



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

No power outlet needed — the G-DRIVE® mini supports bus power across both USB and Firewire ports.



only **\$199⁹⁵** #9418917

#9222672 8TB G-Technology G-RAID with Thunderbolt **\$799⁹⁵**
 #9418920 16TB G-Technology G-SPEED™ Q **\$2299⁹⁵**

Supercharge your office's switching with Cisco



Cisco MDS 9100 Series Multilayer Fabric Switch

As your organization strives to meet strategic and application needs, you are often challenged by economic realities. Your institution needs innovative SAN solutions that are flexible, agile, highly available, highly secure, easy to use, and affordable.

Cisco MDS 9100 Series Multilayer Fabric Switches meet these requirements, providing an affordable and capable solution for organizations. Among other benefits, they offer:

- Highly reliable and available performance
- Reduced total cost of operation (TCO)
- Optimized virtual server environments with simplified configuration and management



Whether you're running a physical or a virtual data center, the Cisco MDS 9100 works in any environment.

Call for pricing! #7557898

Fill your office with swift and secure Wi-Fi

Cisco Aironet 1262N Controller-based Wireless Access Point

Cisco Aironet 1260 Series wireless access points deliver reliable and predictable 802.11n wireless coverage for indoor environments with up to nine times the throughput of 802.11a/g networks for multimedia applications. Designed specifically for challenging environments, the 1260 Series supports external antennas and a broad operating temperature range.

Building on the Aironet heritage of RF excellence, the 1260 Series provides industry-leading performance for secure and reliable wireless connections. Enterprise-class silicon and optimized radios give you a robust mobility experience using Cisco M-Drive technology, including ClientLink for improved reliability and coverage for legacy clients.

- Standard 802.3af Power over Ethernet
- Works seamlessly with Cisco Unified Wireless Networks
- Support for a variety of media mobility services
- VideoStream uses multicast to improve the performance of multimedia applications



only **\$845⁹⁹** #8143206
#8265966 Cisco Aironet 1261N Standalone Access Point **\$703⁹⁹**

Quantum



The Quantum SuperLoader 3 is the only autoloader that holds up to 16 cartridges in a compact 2U device.

Advanced backup automation that any organization can afford

Quantum SuperLoader 3 16-Slot Automated Tape Backup System

When you need simplicity, reliability, and the most value for your money in a tape autoloader, the Quantum SuperLoader 3 is the right choice. Whether you want to keep up with application data growth, replace older units within your existing infrastructure, or implement a new application, the SuperLoader 3 system offers technological excellence you can afford — all from the worldwide leader in autoloader systems.

- Up to 100TB of storage capacity
- Up to 1.4TB per hour transfer rates

- Stands just 2U tall
- 16 cartridge slots
- Equipped with Quantum's LTO-6 tape drive technology for faster write speeds and more storage space
- Remote diagnostics, management, and upgrades through the included StorageCare Guardian software
- Works with all major backup software packages, OS environments, networks, and management tools

only **\$4299⁹⁹** #9453281
#8283272 Quantum SuperLoader 3 8-Slot Automated Tape Backup System with 4 Cartridges **\$3499⁹⁹**

Balancing price with performance



IBM x3650 M4 7915 Rack Mounted Server

The IBM System x3650 M4 blends outstanding uptime, performance, and I/O flexibility for cost efficiency and rock-solid reliability. This powerful server offers an energy-smart, affordable, and easy-to-use rack solution with a pay-as-you-grow design to help lower costs and manage risks.

- 6-core Intel® Xeon® processor E5-2630 (15MB cache, 2.30GHz)
- 8GB DDR3 SDRAM (expandable to 384GB)
- 16 hot-swappable 2.5" SFF hard drive bays
- 750W hot-swappable power supply



only **\$2858** #9069964



IBM x3550 M4 7914 Rack Mounted Server

The right choice when compromise is not an option, the IBM System x3550 M4 blends outstanding uptime, performance, and I/O flexibility for cost efficiency and rock-solid reliability. Plus, it makes it easy to reign in costs with an innovative pay-as-you-grow design with built-in energy-saving technology.

- Quad-core Intel® Xeon® processor E5-2609 (10MB cache, 2.40GHz)
- 4GB DDR3 SDRAM (expandable to 384GB)
- Eight hot-swappable 2.5" SFF hard drive bays
- 550W hot-swappable power supply

only **\$2009⁹⁹** #9069946

Maximum functionality, minimal footprint



HP LaserJet Pro M1217nfw B&W Multifunction Printer

Print from virtually anywhere in your office with a full-featured, wireless multifunction printer. A paragon of efficiency, it lets you tackle everyday business tasks — copying, scanning, and faxing — and share resources from one Ethernet-connected printer.

- B&W printing, copying, scanning, and faxing
- Up to 18ppm print speeds (vary with use)
- 600x600dpi maximum print quality
- 8000-page maximum monthly duty cycle
- 802.11b/g/n Wi-Fi, Ethernet, and USB 2.0 connectivity



list price ~~\$328~~ **\$219** #8329936

Price after \$40 instant rebate. Valid from 4/15 – 5/31.



Rated for up to 30,000 impressions, this workhorse keeps up with even the fastest-paced work environments.

HP LaserJet Pro 200 M276nw Color MFP

- Color printing, copying, scanning, and faxing
- Up to 14ppm color and B&W print speeds (vary with use)
- Ethernet and USB 2.0 connectivity

list price ~~\$573~~ **\$349** #9379168

Price after \$100 instant rebate. Valid from 4/1 – 5/14.

HP LaserJet Pro 400 M401dne B&W Printer

- Up to 35ppm print speeds (vary with use)
- 600x600dpi maximum print quality
- Gigabit Ethernet and USB 2.0 connectivity

The built-in duplex unit makes it easy to print two-sided documents and reduce your paper costs.



list price ~~\$445~~ **\$299** #9519867

Price after \$50 instant rebate. Valid from 4/1 – 5/31.

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

- Color printing, copying, scanning, and faxing
- Up to 32ppm color and B&W print speeds (print speeds vary with use)
- 1200x600dpi maximum print quality
- 25,000-page maximum monthly duty cycle
- 50-sheet automatic document feeder
- 802.11b/g/n Wi-Fi, Ethernet, and USB 2.0 connectivity

With integrated Wi-Fi, the Officejet Pro 8600 Plus makes printing from mobile devices a breeze.



list price ~~\$367~~ **\$229⁹⁹** #8901503

Price after \$70 instant rebate. Valid from 5/1 – 6/30.

High-speed office equipment

Lexmark MS310dn Network-ready Monochrome Laser Printer

- Up to 35ppm B&W print speeds*
- 1200x1200dpi 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.



only **\$249** #9419802 *Print speeds will vary with use.

WorkCentre 6605N Color Multifunction Printer

With the value-packed WorkCentre 6605 Multifunction Printer, you can easily make important communications stand out in stunning color.

- Color printing, copying, scanning, and faxing
- Up to 36ppm color and B&W print speeds*
- 600x600x4dpi maximum print resolution
- 80,000-page maximum monthly duty cycle
- Gigabit Ethernet and USB 2.0 connectivity



The 4.3" color touch-screen display makes it easy to dial in the ideal print settings for any job.

~~\$999~~ **\$699** #9345420

Save **\$300 instantly!** Offer ends 6/30/13.

*Print speeds will vary with use.



Thanks to the fi-6130Z's smart paper handling features, you don't have to fear jams.



Fujitsu fi-6130Z Sheet-Fed Scanner

- High-speed 40ppm/80ipm color, grayscale, and monochrome scanning at 200dpi
- Scans plastic and embossed identification cards up to 1.4mm thick • Ultrasonic double-feed detection
- Comes with ScandALLPRO 2.0, Kofax VRS Professional 5.0, and Scanner Central Administration software
- USB 2.0 connectivity

~~\$1195~~ **\$899⁹⁹** #8958291

#9001231 Fujitsu fi-6230Z Sheet-Fed Scanner

\$1409⁹⁹

#8303553 Fujitsu ScanSnap N1800 Network Scanner

\$1432⁹⁹

#9001230 Fujitsu fi-6240Z Sheet-Fed Scanner

\$2059⁹⁹



Brother MFC-J4610DW Color Inkjet All-In-One Printer

- Color printing, copying, scanning, and faxing
- Up to 35ppm B&W and 27ppm color print speeds (print speeds will vary with use)
- 6000x1200dpi maximum print resolution
- Scans and prints up to 11" x 17" documents
- Set up your print job on the 1.8" color LCD display

~~\$349~~ **\$199⁹⁹** #9438554

#9090754 Brother ADS-2000 Document Scanner

~~\$399~~ **\$374⁹⁹****

**Price after \$25 instant rebate. Valid 5/1/13–5/31/13.

True-to-life color quality



Samsung 24" 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®.

- 1920×1200 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



only **\$448⁹⁹** #8765355

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



Samsung 21.5" 200 Series Business LED Monitor

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

only **\$139⁹⁹** #8765349



Samsung 21" S22A650D LED Monitor

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

only **\$217⁹⁹** #8765351



Samsung 27" S27A850D LED Monitor

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

only **\$849⁹⁹** #8765357

Engage your audience with NEC projectors

NEC NP-VE281X DLP 3D Projector

- Ultra-bright 2800 lumens • 3000:1 contrast ratio
- 1024×768 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**



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

Transmit video signals up to 500'



TruLink VGA+3.5mm+ RS-232 over UTP Transmitter and Wall Plate Receiver Kit

The TruLink Transmitter and Wall Plate Receiver Kit allows you to extend a VGA, 3.5mm audio, and RS-232 signal over two Cat 5, Cat 5e, or Cat 6 cables up to 500', providing pixel-perfect 1920×1200 or 1920×1080 display resolutions.

Ideal for classrooms, government offices, and corporate environments, this solution is compatible with any operating system and requires no drivers or software. Plus, it utilizes phantom power, giving you the flexibility to supply energy at either the transmitter or receiver end.

For maximum clarity, you're able to fine-tune the EQ (sharpness), and the EDID copy feature ensures compatibility with any monitor. It's also equipped with built-in power surge protection and high ground loop immunity, delivering high performance signal extension.

With the TruLink VGA Transmitter Kit, you can run displays in public while keeping CPUs private and secure.



only **\$499⁹⁹** #8940938

PCMG Terms of Use & Sale

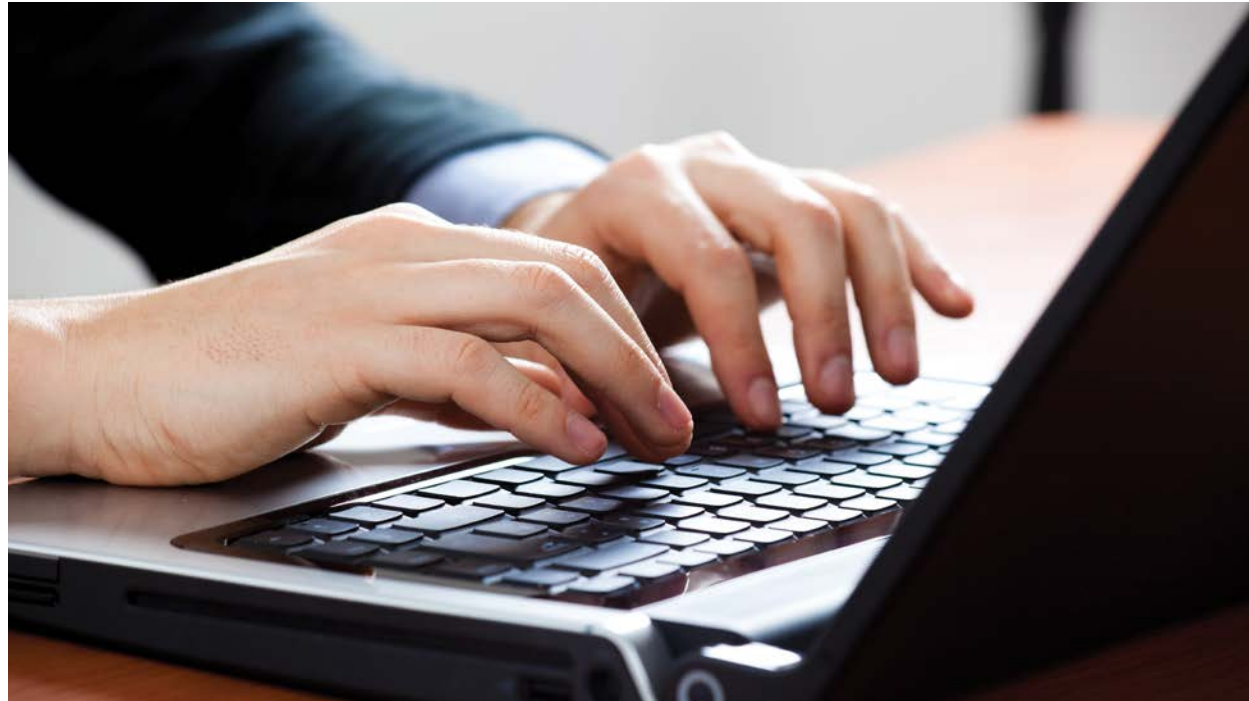
- All returns require a return authorization number. Requests must be made within 15 days of purchase. Returns may be subject to a minimum 15% restock fee. The amount refunded will be the lower price of either the date of purchase or date of return.
- To request a return authorization number, please call your Account Executive at the phone number listed on the front of this packing slip.
- Tape the return label provided to you on the box and ensure the return authorization number is clearly marked. Do not write on the original manufacturer's box.
- Returned product(s) must be complete including manufacturer's original package, accessories, software and manuals. Incomplete returns may be refused.
- A product must be received in our warehouse within 10 business days from the date the return authorization is given.
- The customer is responsible for all return shipping costs. COD shipments will not be accepted.
- We are not responsible for lost or stolen packages. We recommend using a courier that can track your package with a tracking number.
- Pack your return securely. We recommend insuring it for your protection.
- All other policies are in accordance with the policies published in our latest catalogs and on our website www.pcmg.com.
- We are not responsible for integrity or backups of data on any drive returned to us even if included in a system.
- Subsequent to an approval authorization, a credit to an account or issuance of a check can take up to 30 days.
- Missing a rebate? Look it up on our website: www.pcmg.com or call your Account Executive.

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The following manufacturer's product cannot be returned for any reason. The manufacturer must be contacted for all repairs and warranty replacements.

VENDOR	Acer	APC	Apple	Cisco	Eaton	
TECH SUPPORT #	800.816.2237	800.555.2725	800.275.2273	800.553.2447	800.356.5794	
WEBSITE	www.us.acer.com	www.apc.com	www.apple.com	www.cisco.com	www.eaton.com	
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	
WEBSITE	www.garmin.com	www.hp.com	www.hitachi.com	Hardware Service 800.428.7378	www.lenovo.com	
VENDOR	Lexmark	Logitech	Microsoft	Olympus	Quark	Samsung CE
TECH SUPPORT #	800.332.4120	646.454.3200	800.642.7676	888.553.4448	800.676.4575	800.726.7864
WEBSITE	www.lexmark.com	www.logitech.com	www.microsoft.com	www.olympusamerica.com	www.quark.com	www.samsungelectronics.com
VENDOR	Seagate	Sharp	Sony PC's	Tom-Tom	Toshiba	Western Digital
TECH SUPPORT #	800.732.4283	800.237.4277	888.476.6972	866.486.6866	800.457.7777	800.275.4932
WEBSITE	www.seagate.com	www.sharpsusa.com	www.sony.com	www.tomtom.com	www.toshiba.com	www.wdc.com

TAKE CONTROL OF YOUR SOFTWARE



Curb costs and streamline software management with PCMG Licensing programs

Navigating the convoluted world of software licensing is both incredibly complex and time consuming. It involves issues like where, how, and how often you can install the programs — as well as whether they can be copied or modified or even redistributed. Then, after you have purchased the software, there is a license term that will expire after a specified period of time and must be renewed. Add when you add in multiple license programs, users, and

workstations, it all becomes difficult to manage effectively.

Most vendors offer some type of bulk purchasing and volume licensing options for their software. A volume license gives you the legal right to install a single software application at multiple workstations without purchasing additional copies for each machine. The terms vary, but if you order enough software to qualify, it may cost less in the long run and often makes administration costs easier. Also, volume

licensing often provides a central place to manage all your licenses for a particular product or group of products.

PCMG is also here to help simplify your software management. Whether you are upgrading to the latest version or investigating new software options, our experienced software licensing support teams have the technical expertise to help with recommendations, deployments, and migrations. We work closely with over 800 software vendors and manage over 200 different

licensing programs. We endorse the best solutions, not specific vendors.

Licensing Specialists

Our Licensing Specialists have been trained on the major volume licensing programs and work with our vendors to keep program information up to date. With over a decade of experience in volume licensing, PCMG has the right resources to help your organization develop the right software strategy to fit your current situation while planning for future growth. For example, as a Microsoft Gold Partner, we have a team specifically focused on Microsoft contractual licensing. This team will work hand-in-hand with you and your Account Executive to come up with the best solution and

help you take full advantage of all the benefits of Microsoft's Software Assurance Program.

We also maintain a staff of pre-sales engineers in the networking, storage, security, and mobility categories. When appropriate, these engineers will consult with you for technical questions and assessments. They will look for compatibility issues and other potential concerns that may impact the success of your software purchase.

Confidence After the Sale

PCMG is always here to assist you — both before and after the sale — and can help if you have questions or experience problems with your purchase. Our highly trained technicians offer superior telephone-based support and can help with

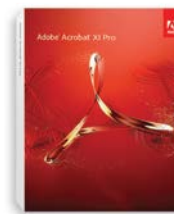
software setup and operations; diagnostics of key components; and troubleshooting software failures.

We also understand that staying on top of software licensing compliance can be both aggravating and inefficient. That's why we offer you an online tracking tool to simplify your license management. Our Software License Asset Manager (SLAM) tool can help you:

- Manage license agreements and track expiration dates
- Generate license inventory report for delivery via email
- Send reminders when license agreements will expire

With a broad range of industry relationships, PCMG offers you a single, reliable source to the best solutions from the world's top software vendors.

PCMG has the software your agency needs at a price that fits your budget.



Adobe Acrobat XI Pro for Windows

Call for Pricing



Symantec Endpoint Protection 12.1

only **\$39⁹⁹** #8812867



Microsoft Windows 8 Pro Upgrade License

only **\$176⁹⁹** #9345022



Autodesk ACAD 2014

only **\$3989⁹⁹** #9540551

Manufacturer	Order #	Description	Price
FileMaker	#9085508	FileMaker Pro 12	\$299
vmware	#8851126	VMware vSphere Essentials Bundle (25 Virtual Machine Pack)	\$446⁹⁹
intel McAfee	#7878723	Total Protection for Secure Business Upgrade license + 1 Year Gold Support	\$38⁹⁹
ca	#8871789	CA ARCserve Backup r16 for Windows	\$476⁹⁹
TREND MICRO	#8977576	Deep Security Anti-malware v8	\$117
BlackBerry	#7817715	BlackBerry Enterprise Server for MS Exchange Server v. 5	\$2579⁹⁹
intuit	#8870914	QuickBooks Enterprise Solutions 12.0 (10-users Windows)	\$4369⁹⁹
SOPHOS	#7302708	Sophos Security Small Business 2.5 (One Year License for 25 to 49 Users)	\$42⁹⁹

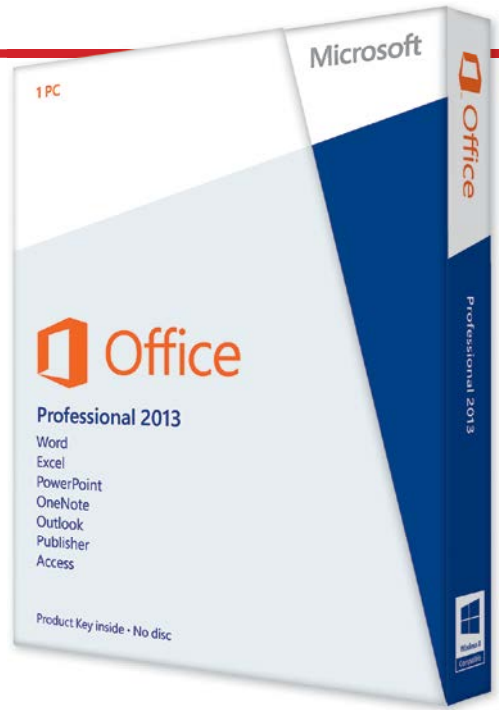


The new Office has arrived

Microsoft Office Professional 2013

The ultimate productivity suite just got a powerful update. Introducing Microsoft Office Professional 2013, a fresh new take on the tools you love. Transformed from top to bottom, it boasts a cleaner interface, built-in collaboration, and mobile access. Whether you're at your desk or waiting for a flight, Office keeps you connected.

- **Word 2013** — Focus in your work with the new Read Mode, share documents seamlessly, and polish your projects with advanced formatting tools.
- **PowerPoint 2013** — Get the ball rolling with new themes, impress your audience with an enhanced Presenter View, and work with others simultaneously.
- **Excel 2013** — Pull more meaning from the numbers with Recommended Pivot Tables, dial in your visuals with chart formatting control, and share workbooks.



- **OneNote 2013** — Let your fingers do the talking with the new OneNote, optimized for touch on Windows 8.
- **Outlook 2013** — Find the information you need in a flash and improve your social life with automatic updates from LinkedIn, Facebook, and more.

only **\$379⁹⁹** #9416977

Powerful security and utility software



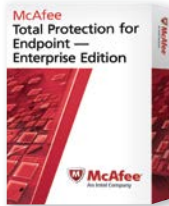
Citrix Sys XenApp Advanced Edition Connection Pack



only **\$249⁹⁹** #433543



McAfee Total Protection for Endpoint



only **\$69⁹⁹** #7963498



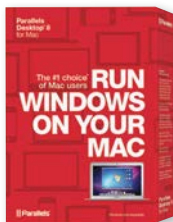
Symantec Backup Exec 2012 V-Ray Edition



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Parallels Desktop for Mac Enterprise Edition



only **\$233⁹⁹** #9601551



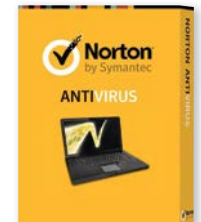
ESET NOD32 Antivirus 4 Business Edition



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Symantec Norton AntiVirus 2013 Small Office Pack



only **\$147⁹⁹** #9329777

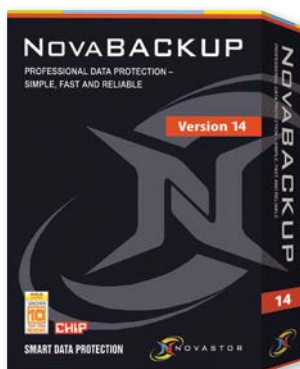
NovaBACKUP® DataCenter 5.0 Enterprise Backup Solution for Gov/Ed

NovaBACKUP DataCenter provides a new approach to protecting networks in a heterogeneous IT-environment.

- Blazing-fast transfer speeds up to 6.5TB/Hour
- One “master server” handles thousands of machines
- Multiplexing allows simultaneous backups and restores
- OS and storage agnostic
- Unlimited scalability
- Intuitive interface for ultimate flexibility
- Supports Windows Server 2012 and Windows 2008



Whether you have 10 machines or 10,000, Gigabytes or Petabytes, NovaBACKUP DataCenter just works.



Call for pricing #9580962 (Up to 50 Servers)



TechSmith Snagit 11

Document anything on your display with the ultimate screen capture tool. With Snagit 11, you can record videos, enhance your images, work efficiently, and share to even more destinations.



- Quickly capture what you need when you need it with OneClick technology
- Create screen videos for demos or quick reviews and share them with anyone, anywhere
- IT and system administrators can customize and deploy Snagit to best fit their institution’s needs
- Streamline your capture process by saving the settings for your most common tasks
- Highlight what’s important with Spotlight and Magnify tools
- Use the markup tools to draw your audience’s attention with arrows, blurs, text, and more
- Save, share, or send your image and video captures to anyone with a variety of outputs

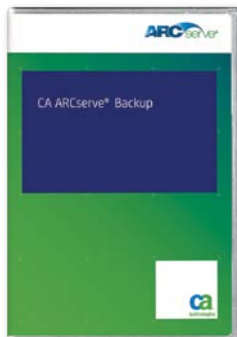
list price ~~\$49⁹⁹~~ **\$42⁹⁹** #9065020



CA ARCserve® Backup for Microsoft Small Business Server Premium Edition 16.5

The ARCserve r16 Software Family blends patent-pending data deduplication technology with backup to cloud storage, synthetic full backups, granular restore of applications — including Active Directory, Exchange, and SharePoint — infrastructure visualization, and archiving for both physical and virtual servers.

- Data deduplication to reduce your backup storage by up to 95%
- Integrated cloud storage for backup retention, providing an additional disaster recovery location
- Infrastructure Visualization with Storage Resource Manager (SRM) reporting to proactively avoid problems

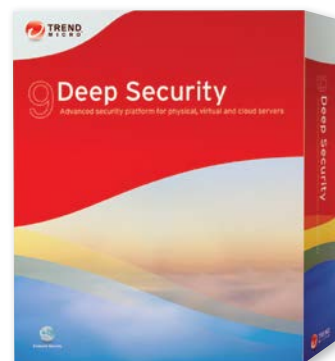


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Trend Micro Deep Security 9 Anti-Malware

Trend Micro’s Anti-Malware module is one of the most powerful add-ons to your Deep Security deployment and helps defend your data by:



- Integrating VMware vShield endpoint APIs to protect VMware virtual machines against viruses, spyware, trojans, and other malware with zero in-guest footprint
- Delivering an anti-malware agent to extend protection to physical servers as well as public cloud servers
- Improving security performance through ESX level caching and deduplication
- Optimizing security operations to avoid antivirus storms commonly seen in full system scans and pattern updates

only **\$471⁹⁹** #9239604 (Single License)

#9430784 Deep Security 9 Volume Licensing (5 – 25 Licenses)

\$69⁹⁹

Tools to create and innovate

Adobe Creative Cloud for Teams

Imagine if your team always had the latest creative tools to accelerate their workflow. Imagine if they could save time by seamlessly sharing files and folders. And imagine if you could get both for an affordable monthly price rather than an expensive upfront investment. That's Adobe® Creative Cloud™ for teams. You gain access to the entire collection of CS6 tools and exclusive updates, along with team-specific features that make working together — and managing licenses — easier than ever.



- Full access to the latest Adobe CS software, including Lightroom 4, Acrobat, Edge, and more
- Connect with one-on-one training sessions with Adobe experts
- Easy and secure file and folder sharing
- Centralized license management tools



only **\$49⁹⁹ Per Month** #9430575
(12-month subscription)

Wacom Cintiq 13HD Interactive Pen Display

When space is tight but your ideas are larger than life, add the Wacom Cintiq 13HD to your workflow. Its 13.3" high-def display is fully interactive, allowing you to draw, edit, and create right on screen.

wacom®



only **\$999** #9532966

Autodesk Infrastructure Design Suite Ultimate

Infrastructure Design Suite Ultimate's model-based tools empower civil engineers, urban planners, and utility designers to create smarter BIM designs.

AUTODESK



Call for pricing! #9566458

Keep your mobile devices charged and secure

PowerShuttle Tablet Charging Cart

Ergotron's PowerShuttle Tablet Charging Cart boasts a universal interface to charge up to 30 tablets and Ultrabooks™ at the same time. Plus, its intelligent PowerShuttle™ Technology optimizes total charge time while safely preventing electrical circuit overload by efficiently grouping the number of devices that are charged at one time.

- Universal design accommodates up to 30 tablets and Ultrabook™ laptops simultaneously
- Automatically optimizes total charge time and safely prevents overloading electrical circuits
- Rugged steel frame construction, steel front and rear doors, and molded fire-rated ABS exterior withstands heavy-use classroom settings

only **\$1989⁹⁹** #9253123

- #8024938 LX Dual Side-by-Side Arm (Mounting Kit) **\$307⁹⁹**
- #9007917 WorkFit-A Dual with Worksurface+ (Stand) **\$599⁹⁹**
- #9490746 Tablet Management Cart 32 with ISI (Cart) **\$2607**



The entire cart is tested and certified to UL 60950 and 1667 standards for maximum safety.



Add Apple to your office

Mac mini



Fast processors and graphics. High-speed Thunderbolt I/O. It's mini in size only.

Mac® mini is a little powerhouse, thanks to dual-core Intel® Core™ i5 and i7 processors, discrete AMD Radeon HD graphics, and ultrafast Thunderbolt technology. It also comes with OS X® Mountain Lion, the latest release of the world's most advanced desktop operating system. And Mac mini with OS X Server features a quad-core Intel® Core™ i7 processor for incredible performance. But it's as easy as ever to set up and run.



Model	Operating System	Processor	RAM	Hard Drive(s)	Price
#9418664	OS X 10.8 Mountain Lion	2.5GHz Dual-core Intel® Core™ i5	4GB	500GB	\$594
#9418667	OS X 10.8 Mountain Lion	2.3GHz Dual-core Intel® Core™ i7	4GB	1TB	\$794
#9418669	OS X Server	2.3GHz Dual-core Intel® Core™ i7	4GB	2x 1TB	\$994



Display sold separately.

Mac Pro

With up to 12 cores of processing power, it's the fastest Mac ever.

The recently updated Mac Pro® is built with ultrafast Intel® Xeon® processors with up to 12 cores of raw computational muscle. Add to that high-performance ATI Radeon graphics cards and optional solid state drives, and this tower of power speeds through 3D modeling, complex calculations, and other demanding tasks up to 1.5x faster than the previous Mac Pro.

Model	Operating System	Processor(s)	RAM	Hard Drive(s)	Price
#9232256	OS X 10.8 Mountain Lion	3.2GHz Quad-core Intel® Xeon® processor W3565	6GB	1TB	\$2494
#9232257	OS X Server	3.2GHz Quad-core Intel® Xeon® processor W3565	8GB	2x 1TB	\$2994
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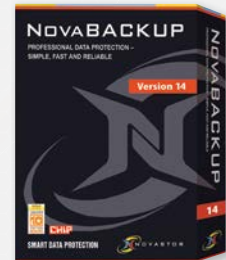
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