

# Computer Buying Guide

September 2010–January 2011

STAPLES

easytech<sup>sm</sup>



### **It's not just a computer.**

#### **It's your computer.**

With so many to pick from and so many specs, choosing the right computer can be a bit, well, daunting.

We put this booklet together to walk you through making your selection. Armed with easy-to-understand guidelines and a no-nonsense glossary of terms, you'll have your "just right" machine in no time flat.

Best of all, our broad assortment of laptops and desktops means we have the perfect machine for every business professional and home user.

#### **Let's get started.**

### **Laptop or desktop?**

This booklet is divided into sections for laptop and desktop models so you can easily focus on the type of machine you prefer. Laptops start on page 4, and desktops on page 12.

### **Home or business user?**

Some machines are better suited for home use, others for business use. Determining which type you need will help guide you through the process of choosing the perfect computer.

#### **Home user**

You use your computer for these functions:

- Web browsing
- Sending email
- Listening to music
- Watching movies and videos
- Creating simple documents and spreadsheets
- Organizing basic finances and taxes

#### **Business user**

You use your computer for all of the home uses, plus these functions:

- Running multiple applications
- Using business management applications, including intensive accounting programs
- Creating and using professional graphics
- Video/music production
- And you need extra security for data files

## What kind of laptop computer makes sense for you?

If you're looking for a laptop, you'll find what you need to know here.


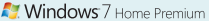

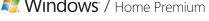

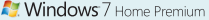


Home	Business	Laptop Computers	Processor Your computer's brain. Interprets and executes commands.*	Hard Drive The main data storage device in a computer.	RAM Working memory that provides space to read and write data.	Operating System Acts as a host for applications that run on your machine.	Extras Add-ons that help customize your laptop to your needs.
		<b>Basic</b> — Everyday computing capability at a great value <ul style="list-style-type: none"> <li>• Most affordable</li> <li>• Basic configuration</li> <li>• Good for standard Web browsing, email and word processing</li> </ul>	<ul style="list-style-type: none"> <li>• Intel® Celeron®</li> <li>• AMD Athlon™ II Dual-Core</li> <li>• Intel® Pentium® Dual-Core</li> </ul>	250GB to 320GB	2GB to 4GB		Webcam Card reader Wireless 802.11b/g/n
		<b>Home office/entertainment</b> — Entertainment features and the latest mobile technologies <ul style="list-style-type: none"> <li>• Supports photo, video and graphic programs</li> <li>• Great for desktop applications</li> <li>• More versatile configuration</li> <li>• Large memory</li> </ul>	<ul style="list-style-type: none"> <li>• Intel Pentium Dual-Core</li> <li>• AMD Athlon</li> <li>• AMD Turion™ II Dual-Core</li> <li>• Intel Core™ i3</li> <li>• Intel Core i5</li> </ul>	320GB to 640GB	3GB to 4GB		Everything above plus: Bluetooth® Fingerprint reader Blu-ray ROM drive
		<b>Desktop replacement</b> — Digital entertainment capability coupled with desktop-caliber performance <ul style="list-style-type: none"> <li>• Takes the place of your PC</li> <li>• Full-size keyboard</li> <li>• Larger screen size</li> <li>• Larger memory</li> <li>• Enhanced video capabilities</li> </ul>	<ul style="list-style-type: none"> <li>• Intel Pentium Dual-Core</li> <li>• Intel Core i3</li> <li>• AMD Phenom™ Triple-Core</li> <li>• Intel Core i5</li> <li>• Intel Core i7</li> </ul>	320GB to 1TB	4GB to 6GB		Everything above plus: Numeric keypad HDMI port Dedicated graphics
		<b>Netbook</b> — Ultra-light, smaller-sized device for light computing tasks such as email, basic Web browsing and word processing <ul style="list-style-type: none"> <li>• Built-in Webcam</li> <li>• Perfect for chatting and social networking</li> <li>• Runs only basic applications</li> </ul>	<ul style="list-style-type: none"> <li>• Intel Atom™</li> </ul>	160GB to 250GB	1GB		Webcam 802.11b/g
		<b>Ultra portable</b> — Flexible device for Internet use, entertainment, communication and general computing <ul style="list-style-type: none"> <li>• Super-light body</li> <li>• Unique design</li> <li>• Perfect for mobile computing</li> </ul>	<ul style="list-style-type: none"> <li>• Intel Core 2 Duo ULV</li> <li>• AMD Athlon Neo</li> <li>• Intel Core i3</li> <li>• Intel Core i5</li> </ul>	250GB to 640GB	2GB to 4GB		Webcam Card reader Bluetooth Fingerprint reader Wireless 802.11b/g/n Backlit keyboard
		<b>Professional</b> — Cost-effective business computing: built to last, highly mobile and super productive <ul style="list-style-type: none"> <li>• More durable</li> <li>• High computing power</li> <li>• Fast processing speed, even with multiple applications running</li> </ul>	<ul style="list-style-type: none"> <li>• AMD Turion II Dual-Core</li> <li>• Intel Core i3</li> <li>• Intel Core 2 Duo ULV</li> <li>• Intel Core i5</li> </ul>	250GB to 500GB	2GB to 4GB		One-touch system restore Hard drive encryption Bluetooth 15-month antivirus software


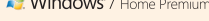

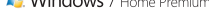

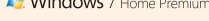



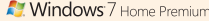



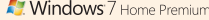




• Basic    •• Good    ••• Better    •••• Best

\*See page 18 for more details on processors.

## Basic — Laptop








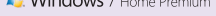


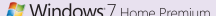

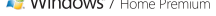
Brand	Model	Processor	Hard Drive	RAM	Operating System	Screen Size	Weight	Battery Life* (Lithium ion)	Graphics	Extras	SKU
	CQ62-214	Intel® Celeron® 900	250GB	2GB		15.6"	5.50 lb.	Up to 3.5 Hours	Intel® Graphics Media Accelerator 4500M	802.11b/g/n	887463
	AS5742-4685	Intel® Pentium® P6100	320GB	4GB		15.6"	5.74 lb.	Up to 3.5 Hours	Intel HD Graphics	802.11b/g/n, Webcam, HDMI port, card reader	904078
	HP G62-340	Intel Pentium P6100	320GB	3GB		15.6"	5.50 lb.	Up to 4 Hours	ATI Radeon HD 4250 Integrated Graphics	5-in-1 card reader, 802.11b/g/n, Webcam	905278

## Home office/entertainment — Laptop


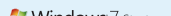


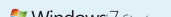
Brand	Model	Processor	Hard Drive	RAM	Operating System	Screen Size	Weight	Battery Life* (Lithium ion)	Graphics	Extras	SKU
	L655D-S5101	Intel Pentium P6100	320GB	4GB		15.6"	5.48 lb.	Up to 5 Hours	Intel HD Graphics	Webcam, 802.11b/g/n, card reader, face-recognition software	903756
	Inspiron™ M5030	AMD Athlon II P340	500GB	4GB		15.6"	5.62 lb.	Up to 4 Hours	ATI Radeon HD 4250 Integrated Graphics	Webcam, 802.11g/n, card reader	900305
	AS 5745-7531	Intel® Core™ i5-460	500GB	4GB		15.6"	5.72 lb.	Up to 3.5 Hours	Intel HD Graphics	Webcam, HDMI port, card reader, 802.11b/g/n	904524
	DV6-3122	AMD Turion™ II P540	500GB	4GB		15.6"	5.46 lb.	Up to 5.3 Hours	ATI Radeon HD 4250 Integrated Graphics	5-in-1 card reader, 802.11b/g/n, Webcam	906085
	AS5745-7247	Intel Core i3-370M	640GB	4GB		15.6"	5.72 lb.	Up to 3.5 Hours	Intel HD Graphics	Webcam, HDMI port, card reader, 802.11b/g/n	904497
	Inspiron™ 15R	Intel Pentium P6100	500GB	4GB		15.6"	5.60 lb.	Up to 4 Hours	Intel HD Graphics	Webcam, 802.11g/n, Blu-ray DVD drive, card reader	906499
	A665D-S6085	Intel Core i3-370	500GB	4GB		16"	6.50 lb.	Up to 4.5 Hours	Intel HD Graphics	Blu-ray DVD drive, Webcam, 802.11b/g/n, face-recognition software, Harman Kardon speakers	903755
	VPCEB35FX	Intel Core i3-370	500GB	4GB		15.5"	5.90 lb.	Up to 3.5 Hours	Intel Graphics Media Accelerator HD	Blu-ray DVD drive, Webcam, WIDI (Intel wireless display), 802.11b/g/n	906418
	VPCEA3BFX	Intel Core i3-370	320GB	4GB		14"	5.01 lb.	Up to 3.5 Hours	Intel Graphics Media Accelerator HD	Webcam, WIDI (Intel wireless display), 802.11b/g/n, Bluetooth®	906419

\*Approximate hours based on type of use.

## Desktop replacement — Laptop










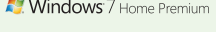
Brand	Model	Processor	Hard Drive	RAM	Operating System	Screen Size	Weight	Battery Life* (Lithium ion)	Graphics	Extras	SKU
	AS7741-4815	Intel® Pentium® P6100	500GB	4GB		17.3"	7.26 lb.	Up to 3.5 Hours	Intel® HD Graphics	Webcam, HDMI port, card reader, 802.11b/g/n	904496
<b>TOSHIBA</b>	L675D-S7046	AMD Phenom™ Triple-Core N850	320GB	4GB		17.3"	6.61 lb.	Up to 3.5 Hours	ATI Radeon HD 4250 Integrated Graphics	Webcam, 802.11b/g/n, face-recognition software, card reader	903757
	G72-b66	Intel® Core™ i3-370	500GB	4GB		17.3"	6.60 lb.	Up to 5 Hours	Intel HD Graphics	Webcam, 802.11b/g/n, card reader, HDMI port	905670
<b>DELL</b>	Inspiron™ 17	Intel Core i5-460M	500GB	4GB		17.3"	6.76 lb.	Up to 3.5 Hours	Intel HD Graphics	Webcam, 802.11n, 7-in-1 card reader	900310 - Black, 900309 - Red, 900308 - Blue
	DV7-4171	AMD Phenom Triple-Core N850	500GB	4GB		17.3"	8.19 lb.	Up to 4.5 Hours	ATI Radeon HD 5470 (512MB Dedicated)	802.11b/g/n, Webcam, Blu-ray ROM drive, Beats Audio, 512MB dedicated graphics memory, HDMI port	905669
<b>SONY</b>	VPCF132FX	Intel Core i7-740	500GB	4GB		16.4"	6.40 lb.	Up to 3.0 Hours	NVidia® Geforce GT310M (512MB Dedicated)	Blu-ray ROM drive, dedicated graphics, 802.11b/g/n, Bluetooth®	904967
	DV7-4190	Intel Core i7-720	1TB	6GB		17.3"	6.86 lb.	Up to 3 Hours	ATI Mobility Radeon HD 5650 Graphics with 1GB Dedicated Graphics	802.11b/g/n, Webcam, Blu-ray ROM drive, Beats Audio, 1GB discrete graphics, fingerprint reader	904966
	Envy17-101NR	Intel Core i5-450M	640GB	6GB		17.3"	7.51 lb.	Up to 3.5 Hours	ATI Mobility Radeon HD 5850 Graphics with 1GB Dedicated Graphics	802.11b/g/n, low-light Webcam, Blu-ray ROM drive, 1GB dedicated graphics, backlit keyboard	887462

## Netbooks


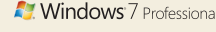






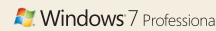

Brand	Model	Processor	Hard Drive	RAM	Operating System	Screen Size	Weight	Battery Life* (Lithium ion)	Graphics	Extras	SKU
	Acer® Aspire	Intel® Atom™ N450	160GB	1GB		10.1"	2.76 lb.	Up to 9 Hours	Intel® Graphics Media Accelerator 3150	802.11b/g/n, Webcam, 3 USB ports	885797
	HP Mini 210-2070	Intel Atom N455	250GB	1GB		10.1"	2.99 lb.	Up to 9.5 Hours	Intel Graphics Media Accelerator 3150	Webcam, card reader, 802.11b/g/n, sync software	905015-Charcoal, 905577 - Purple, 905578 - Blue, 905579 - Red
<b>TOSHIBA</b>	NB305	Intel Atom N455	250GB	1GB		10.1"	2.60 lb.	Up to 8 Hours	Intel® Graphics Media Accelerator 3150	802.11n, Webcam, full-size keyboard	885362

\*Approximate hours based on type of use.

## Ultra portable — Laptop

Brand	Model	Processor	Hard Drive	RAM	Operating System	Screen Size	Weight	Battery Life* (Lithium ion)	Graphics	Extras	SKU
	Inspiron™ 14"	Intel® Core™ i3-370	500GB	4GB		14"	5.30 lb.	Up to 5 Hours	Intel® HD Graphics	Webcam, 802.11n, Bluetooth®, card reader	900307
	dm3-3010	Intel® Pentium® Dual-Core U5400	320GB	4GB		13.3"	3.99 lb.	Up to 7.3 Hours	Intel HD Graphics	802.11b/g/n, card reader, Bluetooth	905575
	dm4-1160	Intel Core i5-450M	500GB	4GB		14"	4.40 lb.	Up to 7.3 Hours	Intel HD Graphics	802.11b/g/n, low-light Webcam, 5-in-1 card reader, Bluetooth, WIDI (Intel wireless display), fingerprint reader	904965
	Envy14-1110NR	Intel Core i5-460M	640GB	4GB		14.5"	5.20 lb.	Up to 6.3 Hours	ATI Mobility Radeon HD 5650 Graphics with 1GB Dedicated Graphics	Dedicated graphics, backlit keyboard, Beats Audio, Webcam, 802.11b/g/n, Bluetooth	905576
	Alienware M11x	Intel Core 2 Duo SU7300	320GB	4GB		11.6"	4.39 lb.	Up to 6 Hours	NVidia® Geforce GT335M with 1GB Dedicated Graphics	802.11n, 1GB dedicated graphics, long-lasting battery, edge-to-edge glass, backlit keyboard	885799

## Professional — Laptop

Brand	Model	Processor	Hard Drive	RAM	Operating System	Screen Size	Weight	Battery Life* (Lithium ion)	Graphics	Extras	SKU
	Pro-book 6445b	AMD Turion™ II M520	250GB	2GB		14"	5.03 lb.	Up to 3.3 Hours	Integrated Graphics	802.11b/g/n, Bluetooth, Webcam	887464
	Pro-book 6550b	Intel Core i5-520	250GB	2GB		15.6"	5.70 lb.	Up to 3.3 Hours	Integrated Graphics	802.11b/g/n, Bluetooth, Webcam	887466
	Vostro V3500	Intel Core i3-350	320GB	3GB		15.6"	5.30 lb.	Up to 5 Hours	Intel Graphics Media Accelerator 4500 HD	802.11n, 15-month antivirus software, Free Fall Sensor for HD protection, Bluetooth, Webcam	906502
	Vostro V13	Intel SU7300 ULV	320GB	4GB		13.3"	3.50 lb.	Up to 6 Hours	Intel Graphics Media Accelerator 4500 HD	802.11n, 15-month antivirus software, Bluetooth, Webcam, 5-in-1 card reader	906416
	V3400	Intel Core i5-450	500GB	4GB		14"	4.76 lb.	Up to 5 Hours	NVidia Geforce 310M with 512MB Dedicated Graphics Memory	802.11n, 15-month antivirus software, Bluetooth, fingerprint reader, Webcam, Free Fall Sensor for HD Protection	906482
	Thinkpad Edge 14"	Intel Core i5-450	500GB	4GB		14"	5.10 lb.	Up to 4 Hours	Integrated Graphics	Webcam, Bluetooth, fingerprint reader, 802.11b/g/n	887461

\*Approximate hours based on type of use.

## What kind of desktop computer makes sense for you?

If you prefer a desktop model, this chart will help you decide what you need.



Home	Business	Desktop Computers	Processor Your computer's brain. Interprets and executes commands.*	Hard Drive The main data storage device in a computer.	RAM Working memory that provides space to read and write data.	Operating System Acts as a host for applications that run on your machine.	Extras Add-ons that help customize your desktop to your needs.
✓		<b>Basic</b> — Everyday computing capability at a great value <ul style="list-style-type: none"> <li>• Most affordable</li> <li>• Basic configuration</li> <li>• Good for standard Web browsing, email and word processing</li> </ul>	<ul style="list-style-type: none"> <li>•• AMD Athlon™ II 170u</li> <li>•• AMD Sempron 140</li> <li>•• AMD Athlon II 240 Dual-Core</li> </ul>	500GB to 640GB	3GB	Windows 7 Home Premium	Card reader
✓	✓	<b>Bundle</b> — Desktop computer and monitor all in one box <ul style="list-style-type: none"> <li>• Supports photo, video and graphic programs</li> <li>• Great for desktop applications</li> </ul>	<ul style="list-style-type: none"> <li>•• Intel Pentium® Dual-Core</li> <li>••• AMD Phenom™ II Quad-Core</li> </ul>	500GB to 750GB	4GB to 6GB	Windows 7 Home Premium	Card reader Monitor included in box Keyboard and mouse
✓	✓	<b>Home office/entertainment</b> — Entertainment features and the latest technologies <ul style="list-style-type: none"> <li>• Supports photo, video and graphic programs</li> <li>• Great for desktop applications</li> <li>• More versatile configuration</li> <li>• Large memory</li> </ul>	<ul style="list-style-type: none"> <li>•• AMD Athlon 635 Quad-Core</li> <li>•• AMD Athlon II 650</li> <li>••• AMD Phenom II 820 Quad-Core</li> <li>•••• AMD Phenom II 1045T Six-Core</li> </ul>	750GB to 1TB	4GB to 8GB	Windows 7 Home Premium	Wireless 802.11b/g/n Card reader Dedicated graphics Keyboard and mouse
✓	✓	<b>Performance</b> — Latest and greatest in technology <ul style="list-style-type: none"> <li>• Video and photo editing</li> <li>• Multiple applications open and running</li> <li>• Large memory and hard drives for storage</li> <li>• Great for running graphic-intensive games</li> </ul>	<ul style="list-style-type: none"> <li>•••• Intel® Core™ i7</li> </ul>	1TB	8GB	Windows 7 Home Premium	Dedicated graphics Card reader Wireless 802.11b/g/n Keyboard and mouse Blu-ray
✓	✓	<b>All-in-one</b> — Space savings, one cord and ready to go <ul style="list-style-type: none"> <li>• Great for the whole family</li> <li>• Put in kitchen or home office</li> <li>• Great for viewing and editing photos</li> <li>• Sleek stylish designs</li> </ul>	<ul style="list-style-type: none"> <li>•• AMD Athlon II 240e Dual-Core</li> <li>•• Intel Core i3</li> </ul>	500GB to 750GB	4GB	Windows 7 Home Premium	Touch screen Webcam Card reader Wireless 802.11b/g/n Built-in stereo speakers Keyboard and mouse Blu-ray Dedicated graphics
	✓	<b>Professional</b> — Cost-effective business computing: built to last and super productive <ul style="list-style-type: none"> <li>• More durable</li> <li>• High computing power</li> <li>• Fast processing speed, even with multiple applications running</li> </ul>	<ul style="list-style-type: none"> <li>•• Intel Core 2 Duo E8500</li> <li>••• Intel Core i5-650</li> </ul>	250GB to 500GB	3GB to 4GB	Windows Vista Business Downgrader to XP Windows Pro	Preinstalled Microsoft® Office Pro software Card reader

## Basic — Desktop

Brand	Model	Processor	Hard Drive	RAM	Operating System	Screen Size		Optical Drive	Graphics	Extras	SKU
<b>COMPAQ</b>	CQ5604F	AMD Athlon™ II 170u	500GB	3GB	Windows 7 Home Premium	N/A		DVD+/- RW Drive w/LightScribe™	NVidia® Geforce 6150SE	Office 2010 Starter	905272
<b>hp</b>	S5610f	AMD Athlon II X2 250 Dual-Core	640GB	3GB	Windows 7 Home Premium	N/A		DVD+/- RW Drive w/LightScribe	ATI Radeon HD 3000 Integrated	Office 2010 Starter	905574


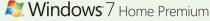

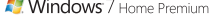

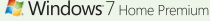

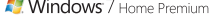
## Bundle — Desktop

Brand	Model	Processor	Hard Drive	RAM	Operating System	Screen Size		Optical Drive	Graphics	Extras	SKU
<b>hp</b>	P6616F	AMD Phenom™ II X4 820	750GB	6GB	Windows 7 Home Premium	20" included		DVD+/- RW Drive w/LightScribe	ATI HD 4200 Integrated	802.11b/g/n, 15-in-1 card reader, wired keyboard and mouse	905058
<b>DELL</b>	I560	Intel Pentium Dual-Core E5700	500GB	4GB	Windows 7 Home Premium	20" included		DVD/RW	Integrated Graphics Media Accelerator x4500HD	Card reader, wired keyboard and mouse	900265




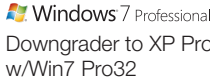
## Home office/entertainment — Desktop

Brand	Model	Processor	Hard Drive	RAM	Operating System	Screen Size		Optical Drive	Graphics	Extras	SKU
<b>hp</b>	P6610f	AMD Athlon II Quad-Core 635	750GB	4GB	Windows 7 Home Premium	N/A		DVD+/- RW Drive w/LightScribe	ATI Radeon HP 4200 Integrated	Office 2010 Starter, 802.11b/g/n, card reader	905276
<b>hp</b>	P6620	AMD Phenom™ II Quad-Core 820	1TB	6GB	Windows 7 Home Premium	N/A		DVD+/- RW Drive w/LightScribe	ATI Radeon HP 4200 Integrated	Office 2010 Starter, 802.11b/g/n, card reader	905277
<b>DELL</b>	Zino HD	AMD Athlon II X2 650	750GB	4GB	Windows 7 Home Premium	N/A		DVD/RW	ATI Mobility Radeon HD3200	Microsoft® Works 9, 30-Day McAfee	884863
<b>hp</b>	E410	AMD Phenom II 1045T Six-Core Processor	1TB	8GB	Windows 7 Home Premium	N/A		DVD+/- RW Drive w/LightScribe and Blu-Ray Player	ATI Radeon HD 5570 with 1GB Dedicated Graphics Memory	Office 2010 Starter, Blu-ray player, 1GB dedicated graphics memory, 802.11b/g/n	905571

## All-in-one — Desktop



Brand	Model	Processor	Hard Drive	RAM	Operating System	Screen Size		Optical Drive	Graphics	Extras	SKU
	310-1020	AMD Athlon™ II 240e Dual-Core	750GB	4GB		20" Touch		DVD+/-RW	ATI 4270 UMA	20" touch screen, 6-in-1 card reader, wireless keyboard and mouse	TBD
	I2305	AMD Athlon II 250u Dual-Core	750GB	4GB		23" Touch		DVD/RW	ATI Radeon HD 4270	23" touch screen, wireless keyboard and mouse, Dell® Stage software	901689
	VPC J113	Intel® Core™ i3-350	500GB	4GB		21.5" Touch		DVD/RW	Intel Graphics HM55	Webcam, Office 2010 bit preloaded, 21.5" touch screen, wireless keyboard and mouse	886272
	A310	Intel Core i3-370	500GB	4GB		21.5" Nontouch		DVD/RW — External ODD in Box	Integrated	Integrated TV tuner, Webcam, wireless keyboard and mouse	906115

## Professional — Desktop

Brand	Model	Processor	Hard Drive	RAM	Operating System*	Screen Size		Optical Drive	Graphics	Extras	SKU
	Pro6000	Intel Core 2 Duo E8500	250GB	4GB		N/A		DVD/RW	Intel® Graphics Media Accelerator 4500HD	3-Year Mfr. Ltd. Warranty	869432
	M90	Intel Core i5-650	500GB	3GB		N/A		DVD/RW	Intel HD Integrated	3-Year Mfr. Ltd. Warranty	870331

\*Includes downgrader to Windows® XP Pro.

## Performance — Desktop

Brand	Model	Processor	Hard Drive	RAM	Operating System	Screen Size		Optical Drive	Graphics	Extras	SKU
	E450f	Intel® Core™ i7 870	1TB	8GB		N/A		DVD+/- RW Drive w/LightScribe and Blu-Ray Player	ATI Radeon HD 5770 with 1GB Dedicated Graphics Memory	Office 2010 Starter, Blu-ray player, 802.11b/g/n, keyboard and mouse	905573

## Protection Plan

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Laptop processors

	Good	Better	Best	
Intel	<b>Celeron®/Atom™</b> <ul style="list-style-type: none"> <li>• Entry-level computing for simple tasks</li> </ul>	<b>Pentium® Dual-Core</b> <ul style="list-style-type: none"> <li>• Reliable processor for basic multi-tasking</li> </ul>	<b>Core i3 Core i5 Core 2 Duo ULV</b> <ul style="list-style-type: none"> <li>• Extra performance</li> <li>• Increased efficiency</li> </ul>	<b>Core i7</b> <ul style="list-style-type: none"> <li>• Highest level of technology</li> <li>• Technical applications and multimedia</li> </ul>
	<b>MV-NEO Sempron™ series</b> <ul style="list-style-type: none"> <li>• Everyday computing</li> </ul>	<b>Athlon™ II Dual-Core series</b> <ul style="list-style-type: none"> <li>• Basic multi-tasking</li> </ul>	<b>Turion™ II Dual-Core series Phenom Triple-Core</b> <ul style="list-style-type: none"> <li>• Mobility</li> <li>• Mainstream productivity</li> </ul>	<b>Phenom™ Quad-Core</b> <ul style="list-style-type: none"> <li>• High performance</li> <li>• Mobility and digital entertainment</li> </ul>

Desktop processors

	Good	Better	Best	
Intel	<ul style="list-style-type: none"> <li>• Entry-level computing for simple tasks</li> </ul>	<ul style="list-style-type: none"> <li>• Reliable processor for basic multi-tasking</li> </ul>	<b>Core 2 Duo Core i3 Core i5</b> <ul style="list-style-type: none"> <li>• Run the latest digital media and software packages simultaneously</li> </ul>	<b>Core i7</b> <ul style="list-style-type: none"> <li>• Intel's highest level of technology</li> <li>• Digital media and gaming</li> </ul>
	<b>Sempron series</b> <ul style="list-style-type: none"> <li>• Everyday computing</li> </ul>	<b>Athlon II Dual-Core series</b> <ul style="list-style-type: none"> <li>• Work or play with multiple programs without stalling or waiting</li> </ul>	<b>Athlon Quad-Core</b> <ul style="list-style-type: none"> <li>• True HD 1080P playback for all the latest games</li> </ul>	<b>Phenom 6-Core Phenom Quad-Core</b> <ul style="list-style-type: none"> <li>• Amazingly smooth HD gaming and digital media</li> </ul>

**Keep in mind:** The processor is the brain of your laptop or PC. The better the chip, the more you'll be able to do and the faster your machine will run.

Which accessories do you need?

Getting the most out of your new computer means getting the right add-ons and gear. Here's what you might need.



Wireless networking

Great for working anywhere in your home or office. For the fastest speed and maximum signal strength, upgrade to a Wireless-N network. For optimal networking performance, choose an N router plus an N notebook card or USB adapter.

Office software

Did you know that most new computers don't include Microsoft® Word, Outlook, PowerPoint or Excel preinstalled? Pick them up and we'll install them for you.

Security software

Protect your new computer and your personal information with security software. You'll stay safe and keep your investment running like new.

Portable hard drive

For peace of mind, back up all your business files (plus music, photos and video) on a portable hard drive. Lightweight designs mean you can even take them with you.

Flash drive

Smaller drives easily transport files on your key ring or in your backpack. Great for on-the-go computing.

Media

CD and DVD media are inexpensive and perfect for saving everything from your latest presentation to your favorite music and movies.

Printer or all-in-one

From basic models to office workhorses, we've got a great selection of all the best brands to choose from. Not to mention ink, toner and paper.

Bags and cases

Wherever you roam, protect your new laptop with a notebook case, backpack or sleeve in assorted colors and styles.

Mice and more

We've got everything you need, from wireless mice and keyboards to Webcams, lapdesks, AC adapters and laptop coolers.

Technical Support and Protection Plan

Our protection plan includes 24/7 U.S.-based technical support, 100% parts and labor coverage, and a one-time laptop replacement if your machine cannot be repaired.

Upgrade to the Accidental Damage plan and extend your coverage to include spills, drops and cracks.

**Bluetooth®**

Enables communication among mobile phones, computers and wireless headsets.

**DVI port**

A digital visual interface port enables you to connect your computer to a digital-display monitor/TV with minimal loss of image quality. A DVI port is great for showing a slideshow of your photos on your home TV.

**Face-recognition software**

Security feature that replaces the need for a password.

**Fingerprint reader**

Security feature that prevents others from using your computer.

**FireWire® port**

A standard interface socket designed to provide connectivity between computers and digital audio and video equipment. If you plan to download videos from your camera to your computer, a FireWire port is a must.

**Graphics**

When buying a laptop, you will have two choices for the graphics:

**Graphics card/dedicated graphics** This is a separate card fitted into the laptop with a graphics processor and its own memory. The more megabytes (MB) the graphics card has, the faster and more detailed graphics you can run on your laptop (e.g., video).

**Integrated/shared/external graphics** The graphics processor is often integrated into the computer motherboard. Integrated graphics share the memory from the main computer (RAM), which means the laptop will have less memory for other tasks. This is best suited to general office tasks and everyday use.

**Hard drive**

Your laptop stores all its data here. It's measured in gigabytes (GB) and terabytes (TB). The more GB, the more music, movies and data can be stored. Some hard drives are even encrypted for extra security.

**HDMI port**

A high-definition multimedia interface (HDMI) port enables you to send digital audio and video signals to a high-definition TV. HDMI supports, on a single cable, any TV or PC video format including standard, enhanced and high-definition video along with eight channels of digital audio. An HDMI port will ensure great picture quality when watching Internet content on your HDTV.

**Media reader**

A media card slot allows you to view information directly from a media card (e.g., a digital camera memory card) on your laptop with no cables or camera required.

**Mobile broadband**

Enables you to connect to the Internet wherever there's cell service.

**Operating system**

A type of software that controls the other software on the laptop.

**Windows® 7 Starter Edition** Available on most netbooks. Supports the latest hardware and software.

**Windows 7 Home Premium** Windows 7 Home Premium makes it easy to create a home network and share all of your favorite photos, videos and music. With Internet TV, you can even watch, pause, rewind and record TV. Get the best entertainment experience with Windows 7 Home Premium.

**Windows 7 Professional** Windows 7 Professional makes working anywhere easier and more secure.

In addition to everything found in Windows 7 Home Premium, it simplifies connecting to corporate networks securely. Plus, it helps you safeguard your hard work and important information with automatic backup. And it's compatible with more Windows XP business programs. If you work with your PC, Windows 7 Professional will help make working easier.

**Windows 7 Ultimate** Designed for people who want it all. Windows 7 Ultimate is the most versatile and powerful edition of Windows 7. It combines remarkable ease of use with the entertainment features of Home Premium and the business capabilities of Professional, including the ability to run many Windows XP productivity programs in Windows XP Mode. For added security, you can encrypt your data with BitLocker and BitLocker To Go. And for extra flexibility, you can work in any of 35 languages. Get it all with Windows 7 Ultimate.

**Optical drive**

The optical drive is the area that uses optical discs such as DVDs and CDs. Within the optical drive there are various functions that differ between laptops. These functions are outlined below:

**DVD** This optical drive can use both CD and DVD discs.

**+/-** This symbol means the laptop can use both -discs and +discs, which are made by different manufacturers. Some optical drives only use -discs (-DVD or -CD) and some only use +discs (+DVD or +CD).

**RW** These initials indicate that a disc is rewritable, which means it can play, record and re-record data.

**Dual layer** A disc with dual-layer capability can store more information than a single-layer disc, as its lasers read the disc on two levels.

**LightScribe™** LightScribe uses laser-etching to burn labels directly onto your CDs and DVDs.

**DVD RAM** This format is efficient for storing data files, as opposed to media files. It is an ideal format for archiving office documents.

**Blu-ray ROM** Install a Blu-ray ROM in your computer to watch Hi-Def Blu-ray movies on your computer. Or connect your computer to your TV and use your computer as a Blu-ray DVD player.

**Processor**

This is the brain of the laptop. Different processors provide various levels of performance.

**RAM (Memory)**

The Random Access Memory (RAM) is a temporary storage area. The higher a laptop's number of megabytes of RAM, the more files it will be able to process.

**TV tuner**

A TV tuner card is a computer component that allows TV signals to be received by a computer. Most TV tuners also function as video capture cards, allowing them to record TV programs onto a hard disk.

**USB (Universal Serial Bus)**

This is a standard that allows for easy connection of external peripherals, such as printers and mice, to your laptop. It also supports plug and play.

**Wireless LAN**

This allows a mobile user to connect to a local area network (LAN) through a wireless connection. There are "hotspots" where you can easily connect to the LAN (e.g., in airports).

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