

- ✓ Where will you use your PC?
- √ How will the PC be used?
- ✓ What will you use the PC for?

✓ Where will you use your PC?

- **✓** Home
- ✓ Work/School
- ✓ Vacations/Traveling
- ✓ Local hot spots

✓ Where will you use your PC?

✓ Home => Desktop or Portable

✓ Work/School & Home => Portable

✓ Vacations/Traveling => Portable

✓ Local hot spots => Portable

√ How will the PC be used?

- ✓ Family computer (single room)
- ✓ Personal computer (used by one individual or anywhere in the home)

- √ How will the PC be used?
 - ✓ Family computer (single room)
- =>
- Desktop

✓ Personal computer

- =>
- Portable

- ✓used by one individual
- ✓used anywhere in the home

√ What will you use the PC for?

- ✓Internet browsing
- **✓** Email
- **√**Skype
- ✓ Games (Solitaire)
- ✓ MS Office Applications (Work, Excel, PowerPoint)
- ✓ Edit media (pictures, music, video)
- ✓ TurboTax
- **✓** Quicken
- ✓ Photoshop
- ✓ Video Editing

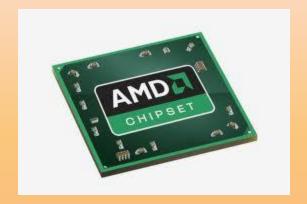
- **✓** Hardware
- **✓** Software
- ✓ Networks/Network connectivity

√ Hardware - CPU

- ✓ Processor
- ✓ "Engine" / "brain" of the PC
- ✓ Multi-core / multi-processor







- √ Hardware Memory (RAM)
 - ✓ Space for programs & data
 - √"Short-term" memory
 - ✓ Gone when PC is turned off





√ Hardware - Monitor

- ✓ Display unit
- ✓ Analog, digital, HDMI
- ✓ CRT, LCD
- ✓ Touch screen







√ Hardware – Storage

- √ Hard Drive/Disk)/CD/DVD/Flash drive
- ✓Internal and external
- ✓"Long-term" memory
 - ✓ Data remains when PC is turned off











√ Hardware – Peripherals

- ✓ CDs/DVDs
- ✓ Printers
- √ Web Cams
- √ Scanners









- √ Software OS (Operating System)
 - ✓ Windows
 - **✓** MAC
 - **√**Linux











√ Hardware – Ports

- ✓ USB peripherals (mice, keyboards, printers)
- ✓ HDMI audio/video
- ✓ SD cameras, smartphones









√ Software - Applications

- ✓ Programs
- ✓ Anti-Virus
- ✓ Browsers (Internet Explorer, Chrome, Firefox)
- √ MS Office
- √ Quicken
- ✓ TurboTax
- ✓ Skype
- ✓ Photoshop
- ✓ Adobe Reader
- √ Games





TurboTax









✓ Networks/Network Connectivity

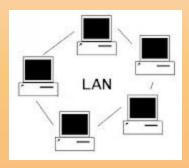
- ✓ Local Area Network (LAN)/ Wide Area Network (WAN)
- ✓ Wireless
- √ WIFI
- ✓ Routers
- ✓ Internet Service Providers (ISP)











Several Decisions to be Made

✓ Desktop

Pros

- √ Home or Office
- ✓ Flexible and upgradeable
- ✓ Most bang for the buck

Cons

✓ Stationary – not mobile







Several Decisions to be Made

✓ Portable device

Pros

- ✓ Variety Laptop, Netbook, Tablet
- ✓ Can take it anywhere

Cons

- ✓ Generally not upgradeable
- ✓ Stuck with primary components
 ✓ Processor, video card, etc.







What type of performance do I need?

- ✓ Overall performance is determined by processor speed, known as CPU, and system memory, known as RAM.
- ✓ High end used mostly for gaming, professional video editing, and movie watching, have 4 to 6 GB of RAM and 2.8 GHz dual-core processing.
- ✓ Mid-low end Less intensive tasks like emailing, web browsing, and uploading photos call for 2 GB of RAM and 1 GHz dual-core processing.

What about screen size and resolution?

- ✓ If you want a better picture, you need a better screen.
- ✓ Laptops often feature lower resolutions to maximize portability
- ✓ Desktop, high-definition screens are becoming the norm.
- ✓ You still have to decide on wide screen or standard.
- ✓ If you use your PC to watch movies and TV shows consider a wide screen. They also come in handy when you're editing pictures or comparing documents side by side.

How much data/information will I store?

- ✓ You'll want to think about how much data you store. Hard disk space, now measured in gigabytes, (one billion characters) now start at 500 GB and go up to 2 TB.
- ✓ If documents and photos are mostly what you store, 500 GB would be perfect.
- ✓ If you want to download high-definition movies and TV shows with theater sound, shoot for 1TB or more

Storage	Music	Photos	Movies
500GB	125,000	75,000	1,000
1TB	250,000	150,000	2,000
	@ 4MB per song	@ 6.5MB per picture	4.5 GB per movie

What kind of ports will you need

- √ Microphone sound recording
- ✓ Headphones music, movies
- ✓ USB peripherals
- ✓ HDMI output to HD TV
- ✓ Esata external storage devices
- ✓ Laptops and desktops are capable and have many of the ports
- ✓ Netbooks and Notebooks are very limited on the number and type of ports

How good are the graphics?

- √ The graphics card determines the quality
- √ The highest end graphics require a separate graphics card generally used for video editing, gaming and graphic intensive work
- ✓ You standard graphics card is usually OK for most tasks like
 - ✓ Movie watching
 - ✓ Emailing
 - ✓ Social networking
 - ✓ Photo editing
 - √ Other daily tasks

Shopping Tips

- ✓ Compare various vendors laptops, desktops, and tablets with similar features.
 - ✓ Contrast the look, feel, and prices
- ✓ Ask about extras like more RAM, Blu-ray, or a bigger battery.
 - ✓ It's easier (and often cheaper) to upgrade now rather than later.
- ✓ Try out keyboard or touchscreen, watch videos
- ✓ Handle the laptop, tablet, or netbook to see if it feels heavy.
- ✓ Be sure to include accessories—keyboard, mouse, cables, monitor, etc.
- ✓ Check the after sales support provided
 - ✓ In store, Web site, call center
- ✓ Check the warranty and return policy.
 - ✓ Is the return policy 100% satisfaction guaranteed?
 - ✓ Is there a restocking fee?
 - ✓ What does the warranty cover and for how long?

Comparison with like technologies

Component	Good	Better
Processor/CPU •Speed	Single core Minimum 1.6 GHz	Dual core > 2.3 GHz
Memory/RAM •Size	DDR2 Minimum 2GB	DDR3 4-6 GB or more
Operating System	32 bit	64 bit
Storage/Hard disk	160GB	500GB or more
Monitor •Desktop •Laptop	15" 13"	17-22" 14-17"
CD/DVD	DVD-RW drive	Blu-ray disc drive

Before Shopping

- ✓ Make a list of the primary tasks you will perform on the computer
- ✓ Decide if you need a desktop or laptop
- ✓ Decide how much you want to spend make a budget and stick to it
- ✓ Perform some comparison shopping
- ✓ Stay with better known brands
- ✓ Ask lot of questions
- ✓ Find out what software is included
- ✓ Before purchasing extended warrant read and understand the fine print
- ✓ Weigh the cost of extended warranty vs. local third party repairs
 - √ May avoid shipping and handling

Time for Shopping

✓ The first decision you'll need to make is where to shop. If you're an experienced PC buyer and know exactly what you want, buying online is the way to go. The two experts at online PC sales are Dell and Hewlett-Packard.

Both have a large, customizable range of laptop and desktop machines

✓ If you need more guidance or prefer more immediate/local help, be sure to ask friends to recommend a trustworthy adviser with whom they had a favorable experience. Local store to consider, MicroCenter and Blockbuster.

Sample Desktops

✓ Sep - 2014





Sample Portables

✓ Sep - 2014



- Intel Celeron N2830 Dual Core Processor 2.16GHz
- Microsoft Windows 8.1 64-bit
- 4GB DDR3-1600 RAM
- 500GB 5,400RPM Hard Drive
- Intel HD
- · 4-in-1 Media Card Reader
- Dell Wireless 1506
- · 15.6" HD LED-backlit Display with TrueLife



\$379.99

LAPTOP SUMMARY

This product is prebuilt.

- Intel® Celeron® Processor N2810
- Windows 8
- 4GB DDR3L 1600MHz memory
- Intel® Integrated Graphics
- 500GB HDD (5400rpm, Serial ATA)
- Sold Separately: Toshiba USB Portable DVD SuperMulti Drive
- Intel® Dual Band Wireless-AC 3160 1x1 AC (433Mbps)
- Bluetooth® V4 0
- Premium US keyboard (Black)
- Touch pad pointing device with multi touch control
- Lithium Ion (24Wh, 3-Cell)-*Not user replaceable
- 1-USB (3.0) port
- 2-USB (2.0) ports



\$64999

Apple MacBook Pro MC374LL/A 13.3" Laptop Computer...

SKU: 660845

- · Intel® Core 2 Duo
- 4GB DDR3-1066 SDRAM
- · 250GB 5,400RPM Hard Drive

\$19999

Sample Tablets

✓ Sep 2014





Microsoft Surface 2 64GB Tablet - Magnesium

SKU: 820118

- Multi-Touch 10.6" 1920x1080 Display
- NVIDIA Tegra 4 1.7GHz Quad-Core CPU
- · 2GB RAM & 64GB SSD Storage

\$449⁹⁹





Apple iPad Air 32GB Wi-Fi Silver

SKU: 880849

\$559⁹⁹



Samsung Chromebook at ABC

Warehouse

\$245 OR LESS!*





HP Notebook Special Edition
Beats Audio at ABC Warehouse

\$579 OR LESS!*





Asus 15.6" Notebook Computer with Intel Core i3 3217U at ABC Warehouse

\$439 OR LESS!*





HP Touch Smart Notebook PC
Touchscreen at ABC Warehouse

\$295 OR LESS!*





HP All-In-One PC with AMD E1-2500 Accelerated at ABC

Warehouse

\$349 OR LESS!*







Walgreens

meijer

Michaels



ADVERTISEMENT

Dell Inspiron 17 Laptop - Windows 7

Dell



Buy New Inspiron Laptops w/ Intel® Core™!

\$569.99





ProScan 7" Multi Touch Display Tablet Includes Keyboard & Case at ABC

Warehouse

\$69 OR LESS!*





HP Pavilion, 17-f065US, 17.3" Laptop, 1TB Hard Drive, 6GB Memory at Staples

\$449.99 with clip coupon after easy

rebate \$649.99 - \$150 clip

coupon - \$50 easy rebate = \$449.99



HP Pavilion, 13-a010nr, 13.3" Laptop, 500GB Hard Drive, 4GB Memory, x360 Convertible at Staples

\$499.99 with clip coupon \$649.99 - \$150 clip

coupon = \$499.99





Toshiba Satellite L75-B7240, 17.3" Laptop, 8GB Memory, 1TB Hard Drive, Intel Core i5, Windows 8.1 at Staples

\$579.99 with clip

coupon \$729.99 - \$150 clip

coupon = \$579.99





HP Pavilion, 15-p064us, 15.6" Laptop, 1TB Hard Drive, 12GB Memory at Staples

\$479.99 \$679.99 - \$150 clip

coupon - \$50 easy rebate = \$479.99





All laptops, desktops and allin-one PCs, regularly priced \$499 and above at Staples

Take an extra \$150 OFF



ENDS SEP 13



Toshiba® touch-screen laptop with Intel® Core™ i7 Processor with TurboBoost 2.0 at Staples

\$749.99 with clip coupon after easy rebate \$949.99 - \$150 clip

coupon - \$50 easy rebate =



Dell® 2-in-1 touch-screen laptop with Intel® Pentium® Processor at Staples

\$349.99 with clip coupon \$499.99 - \$150 clip

coupon = \$349.99, Add coupon code 62638 at checkout or use code 38812 in store





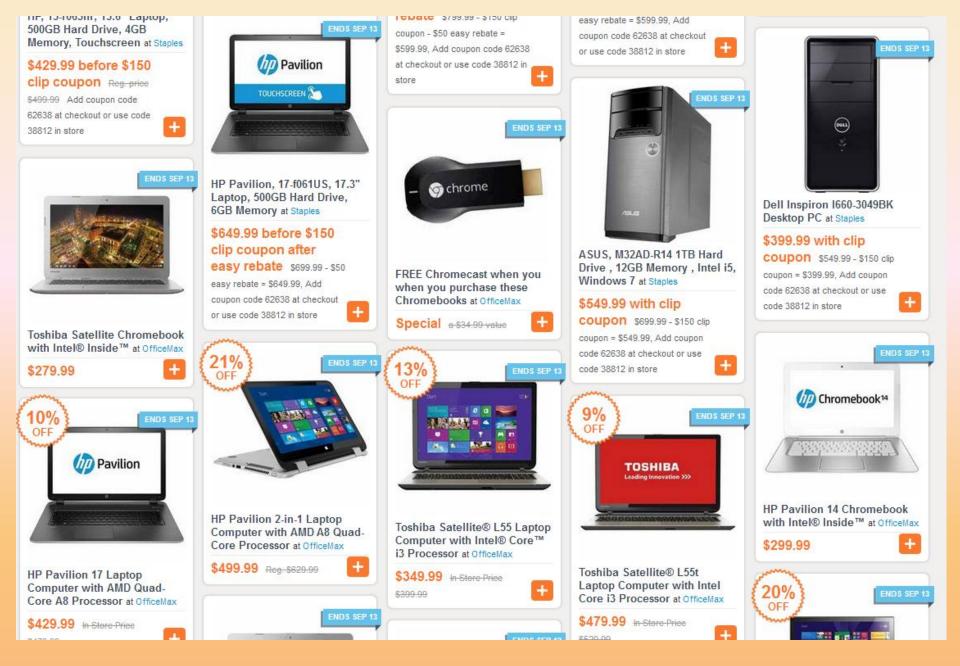
Dell, Inspiron Laptop, 15.6", 1TB Hard Drive, 8GB Single Channel DDR3 1600MHz, Intel i5 at Staples

\$549.99 with clip

coupon \$699.99 - \$150 clip

coupon = \$549.99







Questions?

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Thank you for coming!