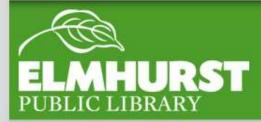
# Computer Buying Guide



Mon November 24<sup>th</sup> 2014 Instructor: Wyatt Fertig



#### We'll cover:

- Work backwards
- Types of computers
- Operating systems
- Brands
- Computer stats (what do they mean?)
- Consumer reports
- Black Friday Deals!!!



### Introduction

It's often difficult to keep up with technology trends and new products.

Smart technology shopping will help you buy products which fit your needs, last longer, and perform better.

Now is the perfect time to buy with many items heavily discounted because of the holiday season.



#### Here at EPL

Before you even start looking at computers it's important to ask a few questions to yourself:

#### What am I going to use this computer for?

- What kind of programs do I need
- Where am I going to use it?
- How much money am I willing to spend?



### Work Backwards

What is and isn't a computer is a lot more complicate

Types of computers include:

- Desktops
- Laptops
- Tablets
  - Tablets with detachable keyboards



## **Types of Computers**

The most important question to consider when looking at laptops and tablets now

Whether the device has a full operating system

#### Mobile Operating

#### System

Requires application downloads to be handled through App store File Management Much more difficult Might not be able to download and edit files

#### Full Operating System

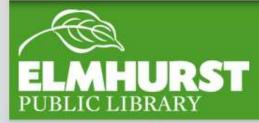
Traditional computer setup including downloading and editing files, just in tablet format



## Types of Computers

People have very strong opinions about operating systems!

Windows 8 was released, which drastically changed the menus and style of Windows, to widespread criticism. Following feedback Windows 8.1 made a large series of updates in 8.1. To save yourself a lot of time (and maybe money) it can be beneficial to purchase a computer which already has the updated version. If you really dislike Windows 8.1, the next operating system Windows 10 is scheduled to release sometime in the next 8-10 months.



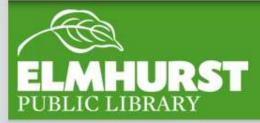
#### Windows 8.1

One of the newest developments for laptops is Google's line of "Chromebooks" Chromebooks have several manufacturer including Asus, Acer, HP

Benefits include: Extremely low cost 200-400 dollars each , google operating system, nice design Cons include- Unable to download applications, storage space provided by google drive, almost not hard drive space



https://www.google.c om/chrome/devices/c hromebooks.html



### **Chrome Book**



A new development in the last 2-3 years has been tablets with detachable keyboards -these computers are slightly tricky to buy because some have full operating systems and others use mobile operating systems



### Laptop or Tablet?

It can be overwhelming to look at so many computers' statistics and people often buy more than they need because they are looking for bigger numbers

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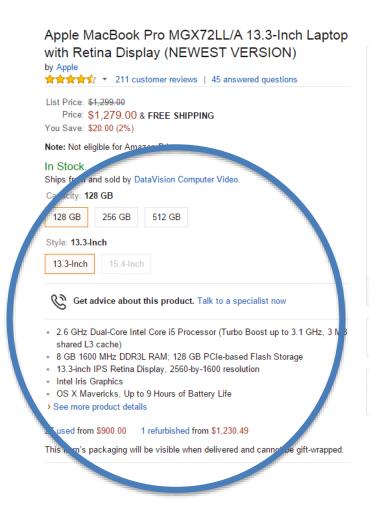


### **Computer Statistics**

Hard drive/storage space/ capacity: Measured in GB (gigabytes) or TB (terabytes) this is the space to store programs and files on the computer

Processor/Cores etc.: The processor is the brain of the computer – older computers had a single processor which did all the computation and processing, modern computers however have multiple processors linked together (each one is a called core) this is helpful for multitasking such as running multiple programs at once most computers are more than fine with 2-4 cores but more may be needed for professional design software and gaming

RAM (random access memory): this is the working/short term memory of the computer, 4GB of ram should be more than enough for most users



### **Computer Statistics**

There are several brands which come with Windows Operating Systems installed including ASUS, ACER, Dell, HP, Samsung, Windows and More

Apple computers are also extremely popular (although a small share of the market share) and use the Mac operating system. While more reliable Apple products tend to be 10-30% more expensive than their competitors

Laptops: Apple, Gateway, and Toshiba needed the smallest number of repairs according to Consumer reports with Asus more repair prone (Dec 2014) Tablets & Devices: Apple, Samsung needed less repairs with Asus and HP more repair prone(Dec 2014)



**Brands** 

#### (Best Buy)



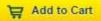






SKU: 9377128

**S PRICE MATCH GUARANTEE** 



\$179.99 FREE SHIPPING

Toshiba - Satellite 15.6" Laptop - AMD A8-Series -4GB Memory - 500GB Hard Drive - Jet Black

SKU: 8790174

S PRICE MATCH GUARANTEE

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Laptops

Get the Deal

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SKU: 2712009

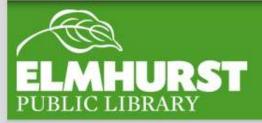
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FREE SHIPPING



### **Black Friday**

Some of the best sites to check are:

#### **Big Box Stores**

Best Buy Target Walmart (tablets)

#### But also online retailers such as

Amazon Newegg





Multiple sites also combine and let you search for deals including:

blackfriday.com http://www.theblackfriday.com/ http://bfads.net/

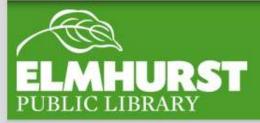






Upcoming Classes Build Your Web Visibility Thursday December 4<sup>th</sup> 7:00pm -8:00pm

Android for Beginners Friday December 5<sup>th</sup> 10:00am-12:00pm



### **Black Friday**

http://www.google.com/chrome/devices/chromebooks.html http://www.amazon.com/gp/product/B00KX8ONZ2/ref=s9\_hps\_ft\_g147\_ir22/176 -5689111-4700166?pf\_rd\_m=ATVPDKIKX0DER&pf\_rd\_s=center-3&pf\_rd\_r=04ZT7TQZ334AFQ7SSS1D&pf\_rd\_t=1401&pf\_rd\_p=1885951322&pf\_rd i=1000971001



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