

Software

Hardware

Application Software

Operating Systems

Microsoft



Wi-Fi

Internet/World Wide Web



Laptop/Notebook

Apple

Windows

Modem/Router

Internet Service Provider (ISP)

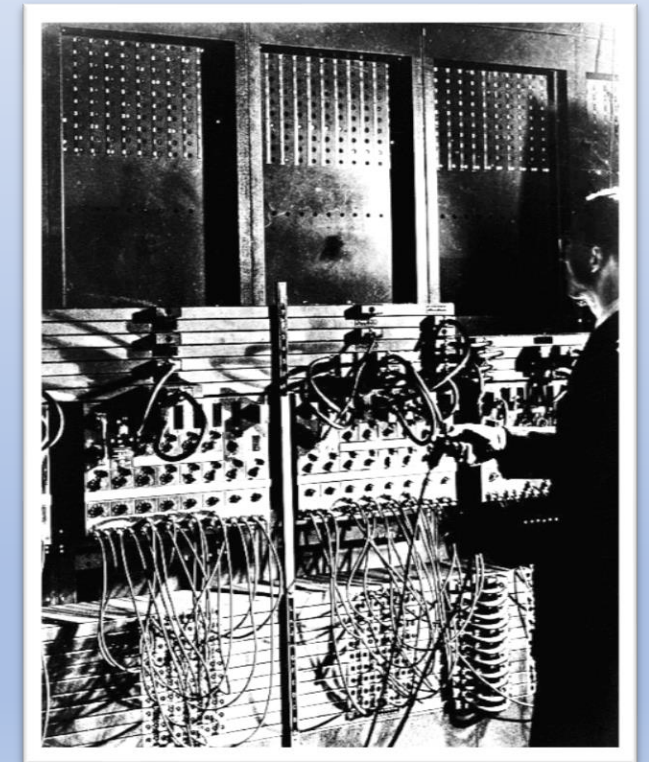
Computer Basics

Friday, February 23, 2018



Hardware

- Desktop
- Laptop (Notebooks)
- All in One
- Smart Phone & Tablets



Two ENIAC accumulators
Year: 1946 ca

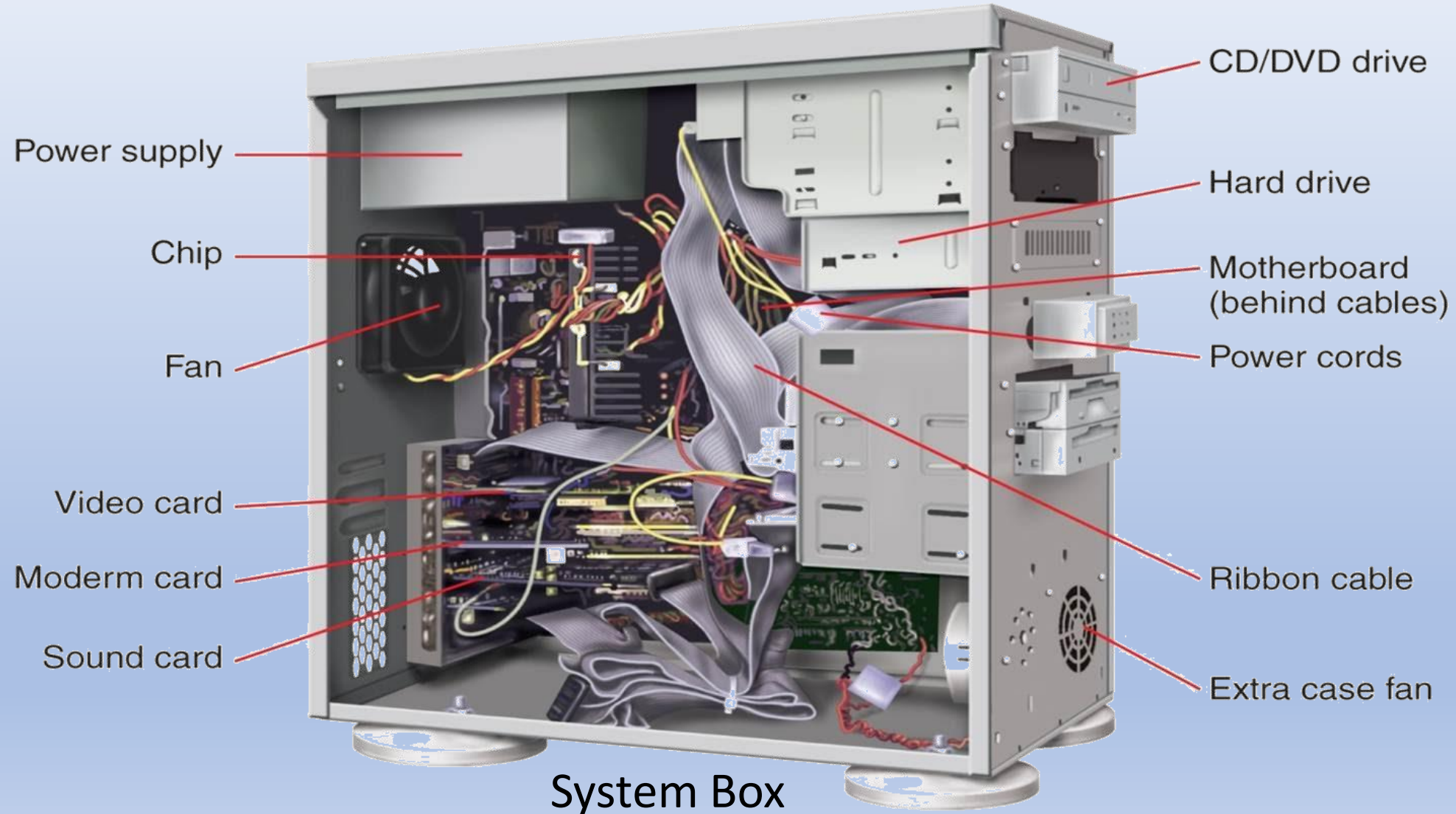
Hardware Components

- Power Supply
- Motherboard (Circuit board)
- CPU Central Processing Unit
- RAM Random Access Memory
- Hard Drive Storage Device/Solid State Drive
- Graphics Card
- Network Card
- Keyboard
- Mouse
- Monitor Display
- Printer (ie: All-In-One (Print/Scan/Copy/FAX))



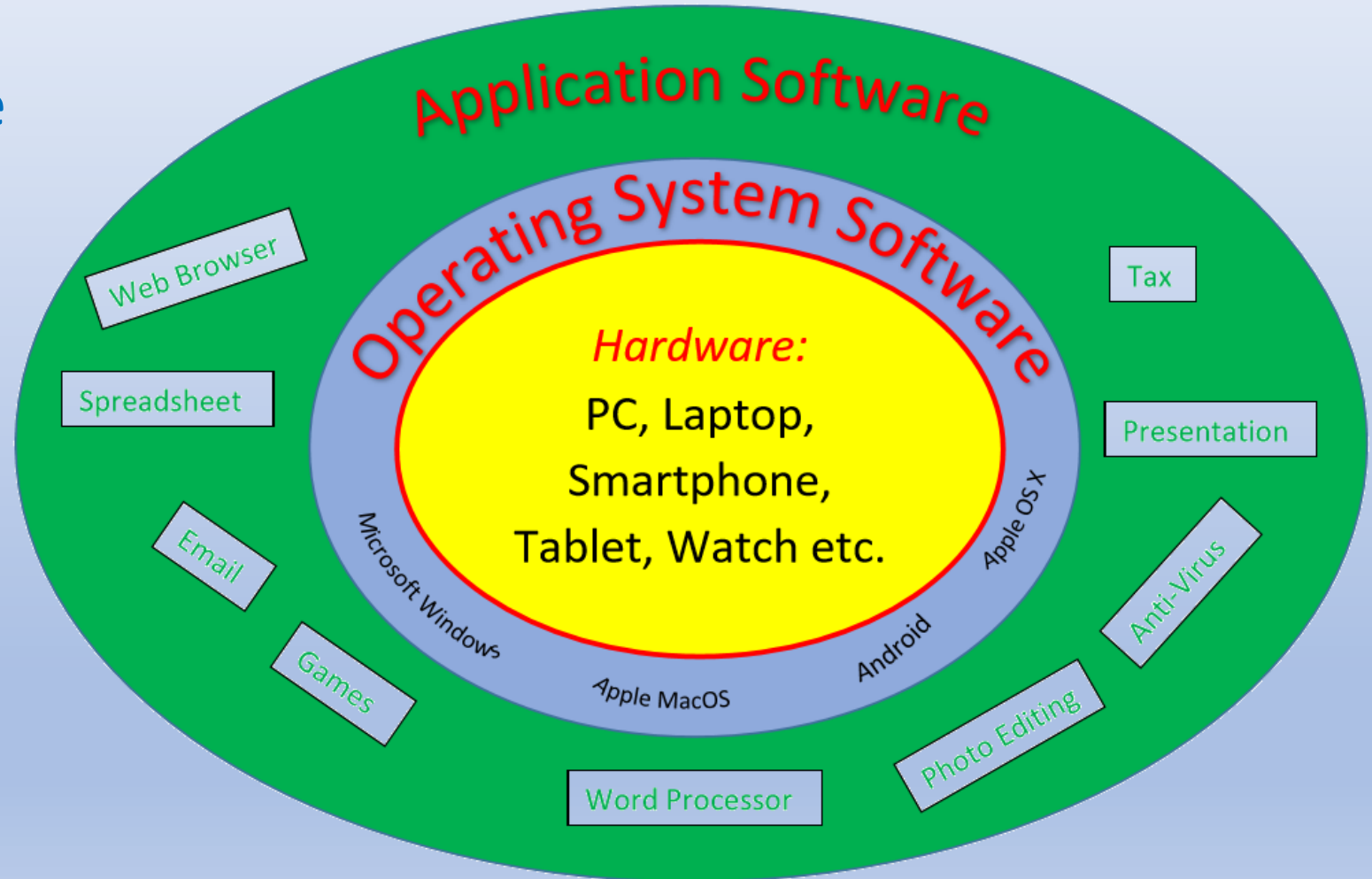
System Box

Hardware Components



Software Types:

- Operating System
- Application Software



Operating Systems:

manages: the hardware (tells it what to do) (includes: File Explorer, Internet browser, email, notepad calendar, media player)

- Microsoft (MS) Windows
- Apple macOS (formerly OSX)
- Linux (and various distributions)
- Google Chrome OS
- Android (Smartphones & Tablets)
- IOS (Apple iPhone & iPad)



Microsoft Windows: *Operating System* Timeline



1981



Windows 1
1985



Windows 3.1
1992



Windows 95
1995



Windows XP
2001



Windows
Vista 2006



Windows 7
2009



Windows 8
2012



Windows 8.1

2013



Windows 10

2015

Microsoft Windows *Operating System*

Includes: *(not limited to)*

Management/Admin Programs	User Applications
<ul style="list-style-type: none">• Power Management• Device Management• Audio & Video• Networking• Windows Defender (anti-virus)• Windows Firewall• Window Updates• Backup & Restore• Systems Restore• User Account Control• Parental Controls• Accessibility• File Explorer (Windows Explorer)• Print Manager	<ul style="list-style-type: none">• Internet Explorer (Edge)• Email• WordPad• Paint• Calculator• Sticky Notes• Windows Movie Maker• Windows Photo Gallery

Application Software:










- Word Processing example: (MS Word)
- Presentation example: (MS Powerpoint)
- Spreadsheet example: (MS Excel)

Photo/Video Editing: example: (Adobe: Photoshop, Premiere) +
Lots more...



Microsoft *Office* (the last 15 Years)

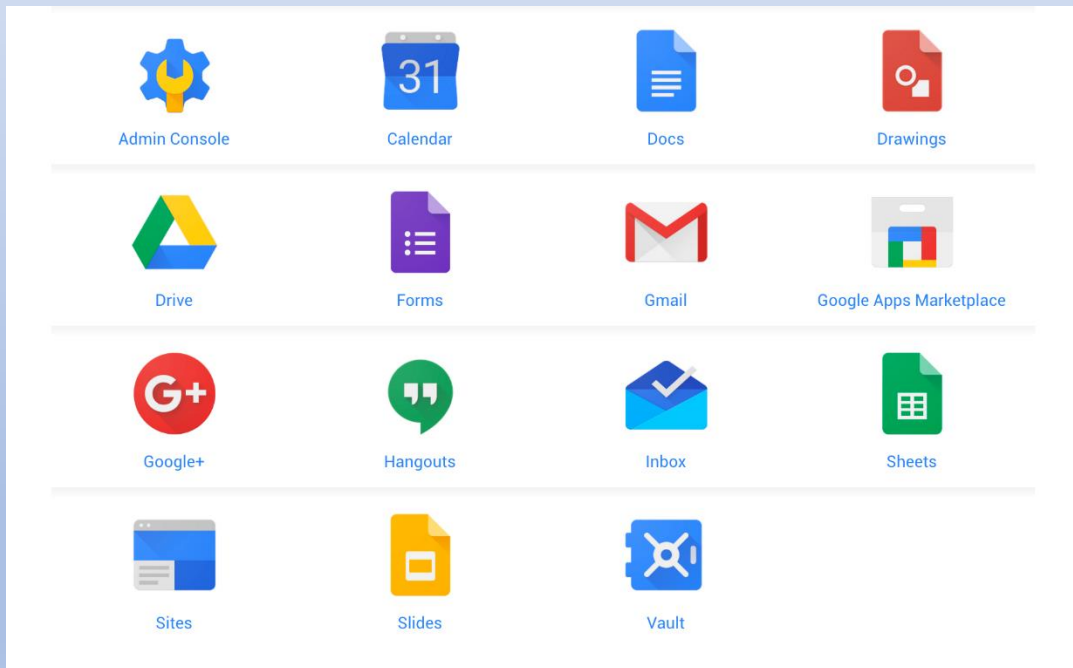
Desktop applications

- Microsoft Access 
- Microsoft Excel 
- Microsoft OneNote 
- Microsoft Outlook 
- Microsoft PowerPoint 
- Microsoft Project 
- Microsoft Publisher 
- Microsoft Visio 
- Microsoft Word 

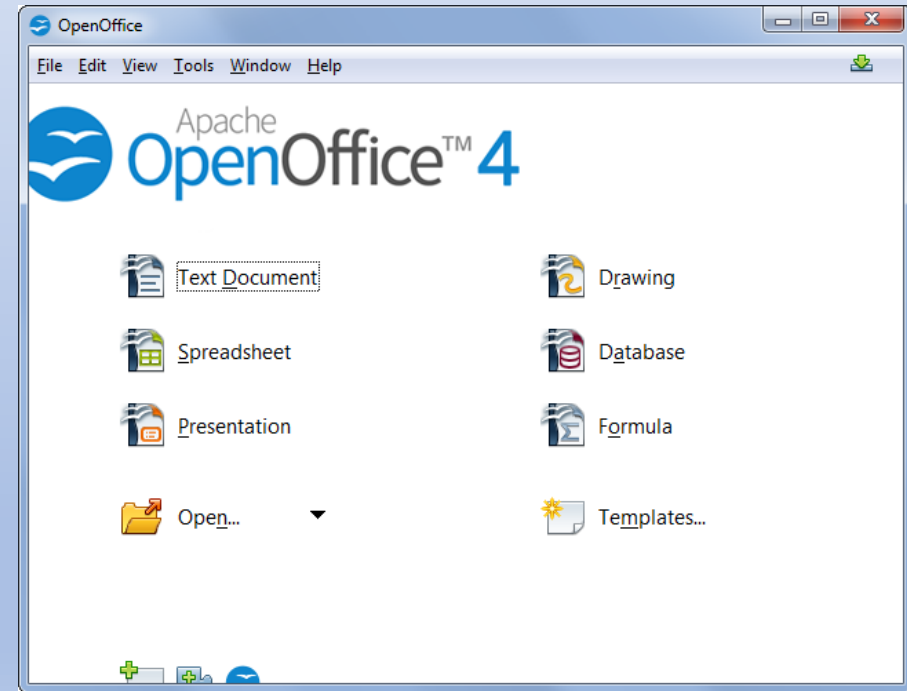


Two Popular Free Alternatives to *Microsoft Office*:

Google Docs (web based)



Apache Open Office (download software)



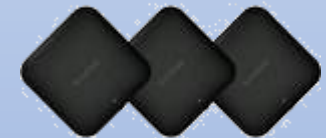
Going Online to the Internet/Web:

Internet Service
Provider (ISP):



Many more.....

Modem & Router



Internet Browsers

Web Browser Name	Company
Internet Explorer Edge (new for Windows 10)	Microsoft
Chrome	Google
Firefox	Mozilla
Safari	Apple

Many more.....



Internet Searching

The Google logo, featuring the word "Google" in its characteristic multi-colored font.

Search Engine Name	Company
Google	Google
Bing	Microsoft
Yahoo	Yahoo



Many more.....

E-mailing

Email	Company	address
Gmail	Google	name@gmail.com
Hotmail, Outlook	Microsoft	name@hotmail.com name@outlook.com
Yahoo Mail	Yahoo	name@yahoo.com
Cox email	Cox	name@cox.net
Comcast email	Comcast	name@comcast.net

Many more.....

