



# What Computing Device(s) Should I Be Using?



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# Short Answer: It Depends ...

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- On what you want to do.
- On what software you need to use.
- On your personal level of tech expertise.
- Your ability to maintain your computer.
- On where you get technical assistance.
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- So let's begin by reviewing the choices...

# All-in-One Desktop Computers

- Everything is in the monitor (except keyboard & mouse)



# Standard Desktop Computers

- Separate Monitor & System Unit



# Standard Laptop Computers

- Usually non-touch-screen
- Keyboard & touchpad quality can vary





# 2 in 1 Laptop Computers

- Hinge rotates 360 – function as tablet
- Touch-screen – some include a stylus
- Includes keyboard



# Tablet Computers

- No keyboard (usually)
- Some include stylus



# Smartphones

- Viable for light email and text messaging
- Most common uses: camera, driving navigation, apps





# All-in-One Desktop Computers

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## Pros

- Very neat looking
- Great for home office

## Cons

- Difficult to repair
- Limited customization
- Can't upgrade components
- Limited mobility

## Available Operating Systems

- Windows
- Chrome OS
- Mac OS
- Linux

# Standard Desktop Computers

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## Pros

- Very customizable
- Good for stationary uses
- Repairable
- Better performance than laptops

## Cons

- Limited mobility
- Can look cluttered (cables)

## Available Operating Systems

- Windows
- Chrome OS
- Mac OS
- Linux

# Standard Laptop Computers

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## Pros

- Mobility
- Expandable via USB-C adapters

## Cons

- Performance less than equal price desktop
- More prone to damage
- Keyboard quality varies

## Available Operating Systems

- Windows
- Chrome OS
- Mac OS
- Linux

# 2 in 1 Laptop Computers

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## Pros

- Laptop & Tablet combined
- Mobility
- Touchscreen
- Expandable via USB-C adapters

## Cons

- Not very customizable
- Performance less than equal price desktop
- More prone to damage
- Keyboard quality varies

## Available Operating Systems

- Windows
- Chrome OS

# Tablet Computers

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## Pros

- Light weight & mobile
- Touchscreen
- Some expansion via USB-C
- Great for content consumption

## Cons

- No or lame keyboards
- Not very customizable
- Not very good for content creation
- Not good for photos

## Available Operating Systems

- iPad OS
- Android
- Amazon Fire OS



# Smartphones

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## Pros

- Camera
- Light weight & mobile
- Touchscreen
- Still works as a phone
- Okay for on-the-go content consumption
- Smartphone Apps

## Cons

- Not very good for content creation
- No or lame physical keyboards

## Available Operating Systems

- iOS
- Android

# So how to choose?

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- **Determine a device category best describes your desired use case**
- **Are there certain “must absolutely have” apps**
  - **Check if there are now online equivalents**
  - **Some apps only work on one operating system**
- **Honestly analyze what kind of computer user you are**
- **Are you the type of person that religiously applies system updates nearly as soon as they’re released?**
  - **If yes, you can go with a Windows or Mac system (if necessary)**
  - **If not, choose a Chrome OS (best), iOS or Android (okay) system**
  
- **Computer owners/users who do not keep their systems up to date are a hazard to everyone on the Internet.**

# Question

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**How many of you are actively considering use of a Windows computer?**

# Security Now Video

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**Host: Steve Gibson**

**Nationally recognized computer security expert discusses WannaCry ransomware, a worldwide threat to unpatched Windows computers.**

**<https://twit.tv/sn>**

**(Episode 735, start at 1h 30m into video)**

# If you think Macs are immune:

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**As of June 13, 2017, BBC News reported:**

**“Statistics gathered by McAfee suggest that there are now about 450,000 malicious programs aimed at Macs - far fewer than the 23 million targeting Windows users.”**

<https://www.bbc.com/news/technology-40261693>



# The obvious choice then:

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**Chromebook laptops & 2-in-1's  
or  
Chromebox desktops**

**(Chrome OS systems)**

## **Why:**

- 1. Designed so they can't be hacked!!**
- 2. Automatic updates**
- 3. Won't become part of a botnet**
- 4. Won't need to pay a ransom to get files back**

Questions?