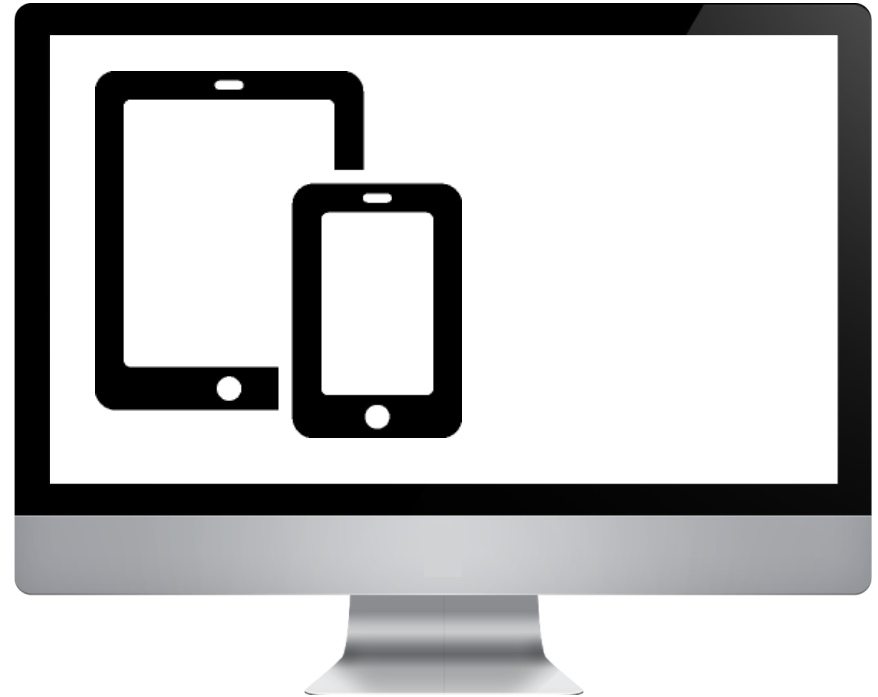


Buying New Devices

Tech & Tea Seminar
By CommuniTech



OUTLINE

- ❖ Laptops and Desktops
- ❖ Phones and Tablets
- ❖ Key words and phrases
- ❖ Comparison Sites

**Do you know
what kind of
computer would
suit you best?**



TYPES OF LAPTOPS & DESKTOPS

Laptops



- + Good all rounders
- + Cheap
- Heavy

Desktop Computer



- + Lots of power
- + Bigger screen
- Not portable

Chromebook



- + Link to Google Accounts
- + No storage = Faster
- Limited built in storage
- Tied to Google

Ultrabook



- + Light, Slim & Fast
- + Long battery life
- Expensive

WHAT ABOUT SPECIFICATIONS?

Storage?

How many docs, photos, videos you
can store on the device

Memory Size	Word Document*	PDF Document*	Photos*	PowerPoint*	Full Length Movie*	Songs*
128MB	2,304	384	76	357	n/a	28
256MB	4,718	786	153	715	n/a	57
512MB	9,437	1,573	307	1,430	n/a	115
1GB	18,874	3,146	614	2,860	n/a	230
2GB	37,749	6,291	1,229	5,719	1	460
4GB	75,497	12,583	2,457	11,439	2	921
8GB	150,995	25,166	4,915	22,878	5	1,843
16GB	301,990	50,331	9,830	45,756	10	3,686
32GB	603,980	100,663	19,661	91,512	21	7,372
64GB	1,207,959	201,326	39,321	183,024	42	14,745

WHAT ABOUT SPECIFICATIONS?

How many different things you can do at once

RAM?

RAM Recommendations by Use Case						
Use case	Description	2GB	4GB	8GB	16GB	32GB
Office Productivity	Basic document work	✓	✓	✓	✓	✓
	Large documents, heavy multitasking	✗	✗	✓	✓	✓
Web Browsing	Basic multiten browsing	✗	✓	✓	✓	✓
	Heavy (30+ Tabs)	✗	✗	✓	✓	✓
Media Streaming	Audio or Video	✗	✓	✓	✓	✓
Photo Editing	Basic (1-10 photos)	✗	✓	✓	✓	✓
	Heavy (10+ photos)	✗	✗	✓	✓	✓
Gaming	Low-End (No GPU required)	✗	✓	✓	✓	✓
	Mid-Range (Older GPUs OK)	✗	✗	✓	✓	✓
	High-End (Current Graphics Only)	✗	✗	✗	✓	✓

<https://www.laptopmag.com/articles/how-much-ram>

WHAT ABOUT SPECIFICATIONS?

**Processing
Speed?**

How quickly different applications
run

Most new computers will be plenty fast enough for everyday tasks, but if you plan on doing anything a bit more specific, you may need something more powerful

Everyday Tasks Examples	Higher Power Tasks Examples
Browsing the internet	Video editing
Using Word, Excel or making presentations	3D animation
Watching videos	Computer Aided Design
Listening to music	Gaming

Good to know



Security

Windows Defender for Laptops/PCs,
Chromebooks uses Google powered
security.

All free!

Microsoft Office

Not many alternatives, but can share
usage with friends/family.





**What is a
Smartphone?**



WHAT IS A SMARTPHONE?

Mobile Phones

A 'normal' mobile phone supports basic calling and texting features, and usually has a few other simple functions



- + Cheaper
- + Longer battery life
- + Simple to use
- No internet browsing
- No apps

Smartphones

Smartphones are like mini computers. They are capable of connecting to the internet and can load apps (like programs) as on a computer



- + Apps - more functionality
- + Skype/FaceTime
- More expensive
- Shorter battery life

TABLETS

Tablets

A tablet is similar to a smartphone, but usually without the capability to make traditional calls and texts

They are usually a lot bigger than phones and are most useful when used with an internet connection



- + Larger screen
- + Versatile - add keyboard for easier use
- + Skype/Facetime
- Bigger
- More expensive



SMARTPHONES & TABLETS

What to consider



Storage (1GB ~ 600 photos)



Camera



Battery Life



Wifi or 4G enabled (tablets only)



Apple



Android



Windows

JARGON RECAP

- ❖ RAM - Random Access Memory - data used while programs are running to help them run faster
- ❖ Processor - component used to run all programs. Some contain a small graphics chip for displaying output from the computer
- ❖ Resolution - the number of pixels in the horizontal and vertical directions of the display

EXTRA TIPS

❖ Price Comparison Sites

- Carphone Warehouse
- Money Saving Expert

❖ Reviews

- Amazon - Customer Reviews
- TechRadar - In Depth Reviews
- YouTube - Many "Tech Tubers" produce reviews on devices

❖ Insurance - shop around, don't always settle for the insurance offered to you when you buy the device

SUMMARY

- ❖ Look at reviews before going to a shop
- ❖ Have an idea of what you want before you go
- ❖ Have a budget based on what you need
- ❖ Shop around for the best deal
- ❖ Ask a friend or family member for their opinion before you buy, or even one of our volunteers!