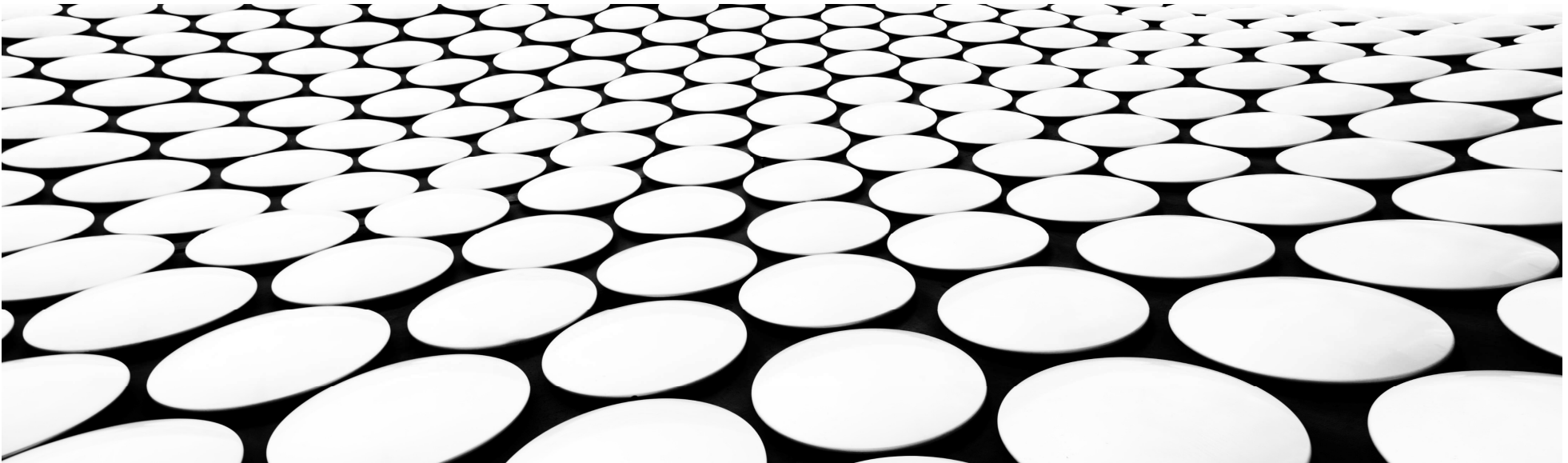

HOW TO BUY A COMPUTER

ROBSON RANCH TECH CLUB - NOVEMBER 11, 2024





INTRODUCTION

- Steve Garvin
 - IT Project Manager
 - Tech Club VP
 - Robson resident since 2022

AGENDA

- What kind of computer do you need?
 - Types of users
 - Desktop or Laptop?
 - Windows or Mac?
 - Support Team
- Common advertisement terms
- Recommended minimum configurations
- Review current advertisements
- Next steps
 - Research
 - When to buy
 - Where to buy
- Q & A

WHAT KIND OF COMPUTER DO YOU NEED?

TYPICAL ACTIVITIES

“Reader/Reviewer” Computer

- Web based e-Mail
- On-line Bills / Banking
- Internet shopping
- Surfing the internet
- Review and manage simple documents (Word, Excel, etc...)
- Zoom / Webex / Facetime

“Creator” Computer

- All the Reader/Reviewer activities **PLUS:**
- Applications (Quicken, Family Tree, etc...)
- Entertainment – Movies/Streaming
- Gaming
- Manage/Edit Photographs/Videos
- Work related activities
- Create complex documents (PhotoShop, Video, etc...)

DESKTOP OR LAPTOP?

- Desktop

- Not easy to move around
- Bigger screen
- Better keyboard and mouse
- Best for work – extended use
- Minimum Hardware Configuration
 - 16 Gb of RAM
 - 256 Gb of storage
 - 24-inch monitor

- Laptop

- Easy to move around
- Smaller screen
- Smaller keyboard and mouse
- Best for occasional use/travel
- Minimum Hardware Configuration
 - 16 Gb of RAM
 - 256 Gb of Storage
 - 15-inch monitor

WINDOWS OR MAC – PART 1

■ Windows PC

- MANY computer manufacturers
- User Interface (UI) is familiar to most people
- Stable operating system with Windows 11
- Computers may allow you to upgrade memory & storage after purchase
- Vulnerable to Viruses!

■ Mac

- Only manufacturer is Apple
- Good customer service (only one source, Apple)
- User Interface (UI) is like Windows but different
- Very stable operating system
- Computers are usually difficult to upgrade memory or storage after purchase
- Some claim it is best for media creation/edit
- Vulnerable to Viruses!
 - Macs are not as popular as Windows, so less viruses are created for Macs BUT that doesn't mean you are not vulnerable

WINDOWS OR MAC – PART 2

- Windows PC
 - Usually cheaper
 - Most people are familiar with Windows
 - Generally, more software is available *
 - Easier to upgrade
- Mac
 - High quality hardware and software
 - Integration with other Apple devices
 - iPhone and iPad
 - Calls
 - Photos
 - Messages
 - Mail
 - Calendar
 - FaceTime
 - Notes
 - Apple Watch
 - Apple TV

* SOFTWARE - More software is created for Windows but most popular software is available on both Windows and the Mac

SUPPORT TEAM

- Who is your support team?
 - Self
 - Relatives
 - Neighbors
 - Friends
 - Professionals at a store
- Are they most familiar with Windows or Mac?

COMMON TERMS - HARDWARE

- CPU / Processor – A chip that is the Central Processing Unit. The “brain” of a computer.



- GPU – Graphics Processing Unit. Used to control the monitor(s). Very important for gaming or video/photo editing.



- GHz – GigaHertz – Speed of operation for a CPU or GPU. The higher number is better 😊

CPU PROCESSORS

- Windows

- Intel Processors



- Core i3 - Good
 - Core i5 - Better
 - Core i7 - Even Better
 - Core i9 - Best

- AMD Processors



- Ryzen 5 7600 - Good
 - Ryzen 7 5700X - Better
 - Ryzen 9 9950X - Best

The Intel i9 and AMD Ryzen 9 are wonderful processors but should only be purchased if you need a powerful business computer. Most desktops and laptops designed for personal use will operate just fine with an Intel i5 / i7 or an AMD Ryzen 5 / Ryzen 7.


- Mac



- Intel – Older, do not buy
 - M1 - Apple's 1st generation processor (2020) – Older, do not buy
 - M2 - Apple's 2nd generation processor (2022) - Good
 - M3 - Apple's 3rd generation processor (2023) - Better
 - M4 - Apple's 4th generation processor (2024) – Best

Any Apple computer with an Intel or M1 processor is older and will probably only show up in refurbished computers. These are too old to consider purchasing.

- Part of Intel's 300 row spreadsheet describing their processors



Intel® Desktop and Boxed Processors Comparison Sheet
Click the link in the Processor Number column to find more features

Processor Number	Brand Model	Intel® Core™ Gen	# of Cores	# of P-cores	# of E-cores	# of Threads	Max Turbo Frequency (GHz)	Performance Base Frequency (GHz)	Efficient-core Base Frequency (GHz)	Processor Base Frequency (GHz)	Cache (MB)	Processor Base Power (TDP) (W)	Max Memory Size (dependent on memory type) GB	Memory Types (MT/s)	Max # of PCI Express Lanes	Supported Socket	Intel® Processor Graphics	Graphics Max Dynamic Frequency (GHz)	Intel® Optane™ Memory supported	Intel® Turbo Boost Technology 2.0	Intel® Turbo Boost Max Technology 3.0
i9-14900KS	i9	14th	24	8	16	32	6.20	3.20	2.40	N/A	36	150	192	Up to DDR5 5600 MT/s Up to DDR4 3200 MT/s	20	LGA1700	UHD 770	1.65	No	Yes	Yes
i9-14900F	i9	14th	24	8	16	32	5.80	2.00	1.50	N/A	36	65	192	Up to DDR5 5600 MT/s Up to DDR4 3200 MT/s	20	LGA1700	No	N/A	No	Yes	Yes
i9-14900	i9	14th	24	8	16	32	5.80	2.00	1.50	N/A	36	65	192	Up to DDR5 5600 MT/s Up to DDR4 3200 MT/s	20	LGA1700	UHD 770	1.65	No	Yes	Yes
i9-14900T	i9	14th	24	8	16	32	5.50	1.10	0.80	N/A	36	35	192	Up to DDR5 5600 MT/s Up to DDR4 3200 MT/s	20	LGA1700	UHD 770	1.65	No	Yes	Yes
i7-14700F	i7	14th	20	8	12	28	5.40	2.10	1.50	N/A	33	65	192	Up to DDR5 5600 MT/s Up to DDR4 3200 MT/s	20	LGA1700	No	N/A	No	Yes	Yes
i7-14700T	i7	14th	20	8	12	28	5.20	1.30	0.90	N/A	33	35	192	Up to DDR5 5600 MT/s Up to DDR4 3200 MT/s	20	LGA1700	UHD 770	1.60	No	Yes	Yes
i7-14700	i7	14th	20	8	12	28	5.40	2.10	1.50	N/A	33	65	192	Up to DDR5 5600 MT/s Up to DDR4 3200 MT/s	20	LGA1700	UHD 770	1.60	No	Yes	Yes
i5-14600	i5	14th	14	6	8	20	5.20	2.70	2.00	N/A	24	65	192	Up to DDR5 4800 MT/s Up to DDR4 3200 MT/s	20	LGA1700	UHD 770	1.55	No	Yes	No
i5-14600T	i5	14th	10	6	4	16	4.50	1.50	1.10	N/A	20	35	192	Up to DDR5 4800 MT/s Up to DDR4 3200 MT/s	20	LGA1700	UHD 730	1.55	No	Yes	No
i5-14400	i5	14th	10	6	4	16	4.70	2.50	1.80	N/A	20	65	192	Up to DDR5 4800 MT/s Up to DDR4 3200 MT/s	20	LGA1700	UHD 730	1.55	No	Yes	No
i5-14500	i5	14th	14	6	8	20	5.00	2.60	1.90	N/A	24	65	192	Up to DDR5 4800 MT/s Up to DDR4 3200 MT/s	20	LGA1700	UHD 770	1.55	No	Yes	No
i5-14600T	i5	14th	14	6	8	20	5.10	1.80	1.30	N/A	24	35	192	Up to DDR5 5600 MT/s Up to DDR4 3200 MT/s	20	LGA1700	UHD 770	1.55	No	Yes	No
i5-14500T	i5	14th	14	6	8	20	4.80	1.70	1.20	N/A	24	35	192	Up to DDR5 4800 MT/s Up to DDR4 3200 MT/s	20	LGA1700	UHD 770	1.55	No	Yes	No
i5-14400F	i5	14th	10	6	4	16	4.70	2.50	1.80	N/A	20	65	192	Up to DDR5 4800 MT/s Up to DDR4 3200 MT/s	20	LGA1700	No	N/A	No	Yes	No
i3-14100F	i3	14th	4	4	0	8	4.70	3.50	N/A	N/A	12	58	192	Up to DDR5 4800 MT/s Up to DDR4 3200 MT/s	20	LGA1700	No	N/A	No	Yes	No
i3-14100T	i3	14th	4	4	0	8	4.40	2.70	N/A	N/A	12	35	192	Up to DDR5 4800 MT/s Up to DDR4 3200 MT/s	20	LGA1700	UHD 730	1.50	No	Yes	No
i3-14100	i3	14th	4	4	0	8	4.70	3.50	N/A	N/A	12	60	192	Up to DDR5 4800 MT/s Up to DDR4 3200 MT/s	20	LGA1700	UHD 730	1.50	No	Yes	No
i9-14900K	i9	14th	24	8	16	32	6.00	3.20	2.40	N/A	36	125	192	Up to DDR5 5600, Up to DDR4 3200	20	LGA1700	UHD 770	1.65	No	Yes	Yes
i9-14900K2	i9	14th	24	8	16	32	6.00	3.20	2.40	N/A	36	125	192	Up to DDR5 5600, Up to DDR4 3200	20	LGA1700	No	N/A	No	Yes	Yes
i7-14700K	i7	14th	20	8	12	28	5.60	3.40	2.50	N/A	33	125	192	Up to DDR5 5600, Up to DDR4 3200	20	LGA1700	UHD 770	1.60	No	Yes	Yes
i7-14700KF	i7	14th	20	8	12	28	5.60	3.40	2.50	N/A	33	125	192	Up to DDR5 5600, Up to DDR4 3200	20	LGA1700	No	N/A	No	Yes	Yes
i5-14600K	i5	14th	14	6	8	20	5.30	3.50	2.60	N/A	24	125	192	Up to DDR5 5600, Up to DDR4 3200	20	LGA1700	UHD 770	1.55	No	Yes	No

COMMON TERMS – STORAGE

- RAM – Volatile memory storage that is cleared when the power is turned OFF
- STORAGE – Usually refers to the non-volatile memory storage that is retained when the power is turned off
- HDD – Hard Disk Drive. A drive that stores information on spinning magnetic platters
 - Very common. Cheaper, older technology with moving parts and generally the slowest format
 - **GOOD**
- HHD – Hybrid Hard Drive. A drive that combines a small SSD and a larger HDD. Not common. HDD provides cheaper storage, and the SSD provides some cached storage to improve performance.
 - Combination of moving and non-moving parts. Better than the HDD, not as good as the SSD. Not very popular or widely used. More expensive than an HDD.
 - **BETTER**
- **SSD** – Solid State Drive. A drive that does not have any moving parts. More reliable and faster than HHD or HDD.
 - Newer technology. No moving parts provide more reliability, faster performance, and less power requirements. More expensive than an HDD
 - Usually found in a laptop, some desktops
 - **BEST**



STORAGE NEEDS

- MB, GB, and TB – Measurements of the size of the data storage device
 - MB – Megabytes – BIG - One MILLION characters – 1,000,000
 - GB – Gigabytes – BIGGER - One BILLION characters or One THOUSAND Megabytes – 1,000,000,000
 - TB – Terabytes – **BIGGEST** - One THOUSAND Gigabytes of characters or one MILLION Megabytes – 1,000,000,000,000

- HOW MUCH DO I NEED?
 - OPERATING SYSTEMS – Require at least 64GB
 - APPLICATIONS/DOCUMENTS/MOVIES/GAMES/PHOTOS
 - From Best Buy, “For people who consider themselves hobbyists and enthusiasts who actively capture photos and videos, a storage plan in the range of 50GB to 200GB should cater to your needs.”
 - CURRENT USAGE – What do you use now?
 - BUY MORE – Overkill is underrated!

CLOUD STORAGE

- CLOUD STORAGE - Provides an internet-assisted storage option
 - Accessible on your computer, phone, tablet, and on a web browser
 - For the following options, it is **SAFE** and works on **BOTH Windows and Mac**
 - Google Drive (Google)
 - 15 GB - FREE
 - 100 GB - \$19.99/year
 - 2 TB - \$99.99/year
 - Microsoft 365 with One Drive – Storage space combined with the MS Office Applications
 - 100 GB - \$19.99/year – Includes WEB and mobile versions of Outlook, Word, Excel, and other software
 - 1 TB - \$69.99/year – Local versions of Outlook, Word, Excel, and other software
 - Family - \$99.99/year – The 1 TB plan for you and 5 others
 - iCloud (Apple)
 - 50 GB - \$.99/month
 - 200 GB - \$2.99/month
 - 2 TB - \$10.99/month

COMMON TERMS - MONITORS



- SEVERAL OPTIONS for a high-quality monitor!
- **GOOD** - HD or FHD Monitor – High Definition or Full high-definition Monitor. 1920 x 1080 resolution. This is the same as your 1080p TV.
- **BETTER** - QHD Monitor – Quad Hi-Def Monitor. 2560 x 1440 resolution.
- **BEST** - UHD Display – Ultra Hi-Def Monitor. 3840 x 2160 resolution. Same as a 4K TV.



READER/REVIEWER

RECOMMENDED DESKTOP OR LAPTOP **MINIMUM** CONFIGURATIONS

- Processor
 - An Intel i3 “works”, but...
 - Intel i5 or AMD Ryzen 5
- RAM
 - 8 Gb “works”, but...
 - 16 Gb of RAM
- Storage
 - 256 Gb of HDD storage
 - Anything less, and you run the risk of not having enough storage space
- Monitor
 - Desktop - 24-inch HD monitor
 - Laptop - 15-inch monitor



CREATOR

RECOMMENDED DESKTOP OR LAPTOP **MINIMUM** CONFIGURATIONS

- Processor
 - Intel i5 or AMD Ryzen 5
- RAM
 - 16 Gb is minimum.
- Storage
 - 512 Gb of HDD storage
- Monitor
 - Desktop - 24-inch HD monitor
 - Laptop - 15-inch monitor
- configuration 32 Gb of RAM is better. This can be added later and it is usually not very expensive.
- 1 Tb or more of SSD storage is better.



CREATOR

RECOMMENDED DESKTOP OR LAPTOP "BETTER" CONFIGURATIONS

- Processor
 - Intel i7 or AMD Ryzen 7
- RAM
 - 32 Gb
- Storage
 - 1 Tb or more of SDD storage
- Monitor
 - Desktop - 34-inch HD monitor
 - Laptop - 17-inch monitor
- Desktop RAM and Storage can usually be upgraded later, and it is usually not too expensive.
- Laptop RAM and Storage “may” allow upgrades later.



READER/REVIEWER

RECOMMENDED DESKTOP OR LAPTOP **MINIMUM** CONFIGURATIONS

- Processor
 - M2 (2022)
- RAM
 - 8 Gb “works”, but...
 - 16 Gb of RAM
- Storage
 - 256 Gb of HDD storage
 - Anything less, and you run the risk of not having enough storage space
- Monitor
 - Desktop - 24-inch HD monitor
 - Laptop - 15-inch monitor



CREATOR

RECOMMENDED DESKTOP OR LAPTOP **MINIMUM** CONFIGURATIONS

- Processor
 - M2 (2022)
- RAM
 - 16 Gb of RAM
 - 32 Gb is Better, but \$
- Storage
 - 512 Gb of SSD storage
- Monitor
 - Desktop - 24-inch monitor
 - Laptop - 15-inch monitor



CREATOR

RECOMMENDED DESKTOP OR LAPTOP **"BETTER"** CONFIGURATIONS

- Processor
 - M4, M4 Max, or M4 Pro (2024)
- RAM
 - 16+ Gb
- Storage
 - 1 Tb Gb of SSD storage
- Monitor
 - Desktop - 34-inch monitor
 - Laptop – 15 or 16-inch monitor

LAPTOP EXAMPLE 1



Roll over image to zoom in

HP Notebook Laptop, 15.6" HD Touchscreen, Intel Core i3-1115G4 Processor, 32GB RAM, 1TB PCIe SSD, Webcam, Type-C, HDMI, SD Card Reader, Wi-Fi, Windows 11 Home, Silver

Visit the HP Store
4.1 ★★★★★ 1,129 ratings | Search this page
1K+ bought in past month

-5% \$416⁷²

Typical price: \$438.79

Or \$30.30/mo (18 mo). Select from 1 plan

prime

FREE Returns

Apply now and get a \$10 Amazon Gift Card upon approval of the Prime Store Card, or see if you pre-qualify with no impact to your credit bureau score.

May be available at a lower price from other sellers, potentially without free Prime shipping.

Capacity: 32GB RAM | 1TB SSD

8GB RAM | 128GB SSD

8GB RAM | 512GB SSD

12GB RAM | 256GB SSD

16GB RAM | 1TB SSD

16GB RAM | 2TB SSD

16GB RAM | 512GB SSD

20GB RAM | 512GB SSD

32GB RAM | 1TB SSD

32GB RAM | 2TB SSD

Buy new: \$416⁷²

prime
FREE Returns

FREE delivery Monday, November 4. Order within 7 hrs 32 mins

Deliver to Steve - Denton 76207

Only 14 left in stock - order soon.

Quantity: 1

Add to Cart

Buy Now

Ships from Amazon
Sold by Superdealstore
Returns Returnable until Jan 31, 2025
Customer service Amazon
See more

Add a Protection Plan:
 4-Year Protection Plan for \$99.99

- 15-inch HD screen – GOOD
- Intel i3 Processor – ???
- 32 Gb RAM – GOOD
- 1TB SSD – GOOD

i3 Processor may make this a slow computer. This may be why it is a little cheaper

LAPTOP EXAMPLE 2



Roll over image to zoom in

HP 15 Laptop (15.6" FHD Anti-glare, Intel Core i5-1135G7 (Beats i7-10510U), 16GB RAM, 512GB SSD) Home & Business PC, Narrow-Bezel, 10-Hr Long Battery Life, Type-C, Webcam, Numpad, Win 11 Home, Silver

\$499⁹⁸

Or \$36.36 /mo (18 mo). Select from 1 plan

prime Two-Day
FREE Returns

Pay \$41.66/month for 12 months, interest-free upon approval for Prime Visa

Capacity: 16GB RAM|512GB SSD

16GB RAM|512GB SSD 32GB RAM|1TB SSD

Style: Windows 11 Home

Windows 11 Home Windows 11 Pro

Brand	ist computers
Model Name	HP 15 Laptop
Screen Size	15.6 Inches
Color	Silver
Hard Disk Size	512 GB
CPU Model	Core i5
Ram Memory	16 GB

\$499⁹⁸

prime Two-Day
FREE Returns

FREE delivery Sunday,
November 3. Order within 7 hrs
27 mins

Deliver to Steve - Denton 76207

Only 14 left in stock - order
soon.

Quantity: 1

Add to Cart

Buy Now

Ships from	Amazon
Sold by	Isaquah Highlands Tech
Returns	Returnable until Jan 31, 2025
Customer service	Amazon
See more	

Seller Certifications:
Minority-Owned Business

Add a Protection Plan:
 4-Year Protection Plan for
\$109.99
 2-Year Protection Plan for
\$65.99

- 15-inch Full HD screen – GOOD
- Intel i5 Processor – BETTER
- 16 Gb RAM – GOOD
- 512Gb SSD – GOOD

Might be a better deal than example 1 for only \$80 more...

LAPTOP EXAMPLE 3



Roll over image to zoom in

 2019 Apple MacBook Air with 1.6GHz Intel Core i5 (13-inch, 8GB RAM, 128GB SSD Storage) Space Gray (Renewed)

Visit the Amazon Renewed Store
4.1  1,928 ratings | Search this page
 1 sustainability feature
400+ bought in past month

Price: **\$399.00**  Prime Two-Day
FREE Returns

Or **\$29.01**/mo (18 mo). Select from 1 plan


Pay **\$33.25/month for 12 months, interest-free upon approval for Prime Visa**

May be available at a lower price from other sellers, potentially without free Prime shipping.

Capacity: **128GB**

1TB 128GB 256GB 512GB

Color: **Space Gray**



Brand	Apple
Model Name	MacBook Air
Screen Size	13.3 Inches
Color	Space Gray
Hard Disk Size	128 GB
CPU Model	Core i5
Ram Memory	8 GB

- 13.3-inch screen – BAD
- Intel Processor – BAD
- 8 Gb RAM – BAD
- 128 GB SSD – BAD

i3 Processor may make this a slow computer. This may be why it is a little cheaper

LAPTOP EXAMPLE 4

- 15-inch screen – GOOD
- M3 Processor– GOOD
- 16 Gb RAM – GOOD
- 512 GB SSD – GOOD

Refurbished 15-inch MacBook Air Apple M3 Chip with 8-Core CPU and 10-Core GPU - Starlight

\$1,279.00

Order today. Delivers to [78666](#)
Tue, Nov 5 — \$8.00
Wed, Nov 6 — Free

Order now. Pick up, in store:
Wed, Nov 6 at [Apple Barton Creek](#)

Check Out with Apple Pay

Add to Bag

Need a moment?
Keep all your selections by saving this device to Your Saves, then come back anytime and pick up right where you left off.

[Save for later](#)

Need some help? [Contact us](#)



Product Information

Overview

Originally released March 2024

15.3-inch (diagonal) LED-backlit display with IPS technology;¹

2880-by-1864 native resolution at 224 pixels per inch

16GB unified memory

512GB SSD²

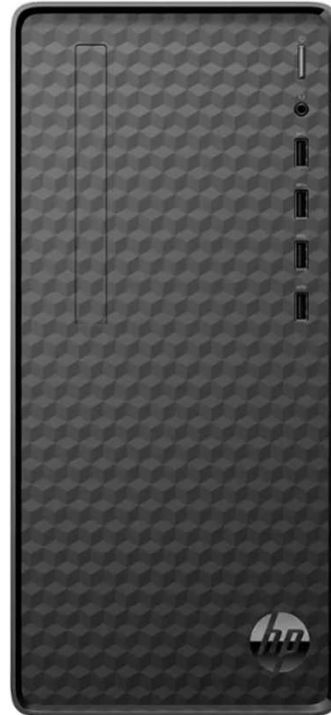
Touch ID

1080p FaceTime HD camera

Two Thunderbolt/ USB 4 ports

DESKTOP EXAMPLE 1

- AMD Ryzen 5 – GOOD
- 12 Gb RAM – BAD
- 512 GB SSD – GOOD



HP

HP - Desktop - AMD Ryzen 5 - 12GB Memory - 512GB SSD - Dark Black

Model: M01-F3224 SKU: 6516373

★★★★★ 4.7 (695 Reviews)

\$429.99 or **\$35.84/mo.***

Save \$220

Was \$649.99 ⓘ

⌚ Deal ends in 10:24:54

suggested payments with 12-Month Financing

[Show me how >](#)



Trade-In and Save



Save when you trade-in a similar device.
Check your trade-in value.



Free 6 months of security software

Hot offer 20% off Logitech accessories w/ hardware

Key Accessories:

Microsoft 365 Personal
\$69.99

[Add to Cart](#)

DESKTOP EXAMPLE 2

- Intel i5 Processor – GOOD
- 16 Gb RAM – GOOD
- 1 TB SSD – GOOD



HP

HP - Envy Desktop with Windows 11 Pro - Intel Core i5 - 16GB DDR4 Memory - 1TB SSD - Black

Model: TE01-5244 SKU: 6577690

★★★★★ 4.8 (6 Reviews)

\$699.99 or **\$29.17/mo.***

Save \$150

suggested payments with
24-Month Financing.

Was \$849.99 ⓘ

[Show me how >](#)

⌚ Deal ends in 10:21:10

Trade-In and Save



Save when you trade-in a similar device.
Check your trade-in value.



Free 6 months of security software

Hot offer You're going to need Word, Excel, and PowerPoint

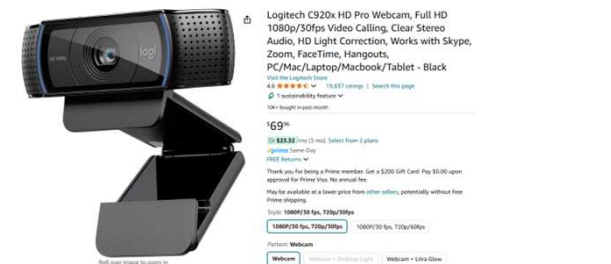
System Memory (RAM): **16GB**

12GB

16GB

OTHER THOUGHTS - DESKTOPS

- CD/DVD Drives – Some Desktops or Laptops will not have one.
- Most Desktop computers should include a keyboard and mouse.
- Usually, a Desktop will NOT come with:
 - **Webcams** – A webcam/microphone will allow you to participate in a Zoom/Webex conference call.
 - **Speakers** – Some monitors have speakers that can be utilized. You may have to purchase external speakers.
 - **WiFi**– Most Desktops will come with WiFi. Some older models may not include this.
 - **Monitor** - You may be able to use an existing monitor, or you will need to purchase a new monitor.



OTHER THOUGHTS - LAPTOPS

- Weight
 - 16" LG Gram weighs 2.8 pounds
 - 14" M4 Macbook Air weighs 3.4 pounds
- Battery Life
 - Some laptops claim "up to" 24 hour battery life....
- Some accessories a Laptop may need:
 - **USB Hub** – A laptop has a limited number of available connections. This allows for the addition of several different connections.
 - **Keyboard/Mouse** – You may desire a larger keyboard or an actual mouse instead of a touchpad.
 - PC and Mac keyboards are different. Same but different!
 - **Monitor** – A larger monitor can be attached to act as the main display or to extend your laptop display.
 - **Case** – A case/backpack should be purchased to protect your laptop while traveling.



MONITORS...



LG 24MP60G-B 24" Full HD (1920 x 1080) IPS Monitor with AMD FreeSync and 1ms MBR Response Time, and 3-Side Virtually Borderless Design - Black

[Visit the LG Store](#)

4.6 1,520 ratings | [Search this page](#)

Amazon's Choice

2K+ bought in past month

\$99⁹⁹

Or **\$33.33**/mo (3 mo). [Select from 2 plans](#)

prime

FREE Returns

Get a \$150 Amazon Gift Card instantly upon approval for Prime Visa. No annual fee.

May be available at a lower price from [other sellers](#), potentially without free Prime shipping.

Display Size: **24 Inches**

24 Inches

\$99.99

prime

27 Inches

\$129.99

Brand

LG

MONITORS...



ViewSonic VA3209M 32 Inch IPS Full HD 1080p Monitor with Frameless Design, 75 Hz, Dual Speakers, HDMI, and VGA Inputs for Home and Office, Black

[Visit the ViewSonic Store](#)

4.6 351 ratings | [Search this page](#)

Amazon's Choice

1K+ bought in past month

\$148⁴⁹

Or \$14.92/mo (12 mo). [Select from 1 plan](#)

prime Two-Day

FREE Returns

Get a \$200 Gift Card: Pay \$0.00 \$148.49 upon approval for Prime Visa. No annual fee.

Only 1 left in stock - order soon.

Brand	ViewSonic
Screen Size	32 Inches
Resolution	FHD 1080p
Aspect Ratio	16:9
Screen Surface Description	Anti-Glare, Hard Coating (3H)

MONITORS...



LG 49" UltraGear DQHD (5120x1440) Curved Gaming Monitor, 240Hz, 1ms, VESA DisplayHDR 1000, HDMI 2.1, DisplayPort, 4-Pole HP Out DTS HP:X, AMD FreeSync Premium Pro, Tilt/Swivel/Height Stand, Black

[Visit the LG Store](#)

4.4 ★★★★★ [2,649 ratings](#) | [Search this page](#)

100+ bought in past month

-10% \$899⁹⁹

List Price: ~~\$999.99~~

Or **\$53.15**/mo (24 mo). [Select from 1 plan](#)

prime

FREE Returns

Get a \$150 Gift Card: Pay ~~\$749.99~~ ~~\$899.99~~ upon approval for Prime Visa. No annual fee.

May be available at a lower price from [other sellers](#), potentially without free Prime shipping.

Size: **49 Inch**



NEXT STEP?

- RESEARCH, RESEARCH, RESEARCH!
 - Helpful websites
 - www.pcmag.com – PC Magazine
 - www.consumerreports.org – Consumer Reports
 - www.popularmechanics.com – Popular Mechanics
 - www.cnet.com – Popular technology website
 - www.tomsguide.com – Good independent review site
 - www.cultofmac.com – Website dedicated to Apple computers
 - www.macrumors.com – Website dedicated to Apple computers
 - For example, search Google for “2024 Laptop reviews” or “2024 Desktop reviews” and look for the above sites.
 - Use Google and YouTube to search for the specific computer you are interested in purchasing. Use the model number (best) or description along with “review”. For example, “HP TE01-5244 review”.
 - Be careful, some websites are less about a review and more about a paid commercial.
 - Check with your support team!

WHEN TO BUY?

- Black Friday – Friday, November 29, 2024
- Cyber Monday – Monday, December 2, 2024
- Search Google “2024 black Friday sales” or “2024 cyber Monday sales”

- “Back to School” sales
- Amazon Prime Days

WHERE TO BUY FROM?

- Ebay – NO!
- Facebook – NO!
- Amazon – Look for something that has “Ships from Amazon”.
 - You may want to contact Amazon to ensure it is returnable within 30 days.
- Hard to go wrong with these:
 - Direct from the manufacturer (HP, Dell, Apple, Lenovo, LG, ASUS, etc...)
 - Don’t forget to look at their “refurbished” equipment. Usually comes with a manufacturer’s warranty.
 - Best Buy – www.bestbuy.com
 - Costco – www.Costco.com
 - Sam’s Club – www.samsclub.com
 - New Egg – www.newegg.com
 - Micro Center – www.microcenter.com
- Should I purchase a protection plan?
 - For Windows, options should be the manufacturer or a major retailer.
 - For Mac, AppleCare should be the only option.

I BOUGHT IT, NOW WHAT?

- Training
 - Contact your support team!
 - Google and YouTube are your friends
 - “How do I _____ on Windows 11” / “Why does my Mac display _____”
- Initial setup
 - May need a Microsoft account or an Apple ID
- Antivirus software selection
- Cloud storage selection
- RR Tech Club! Come to meetings, ask questions, and meet wonderful people!

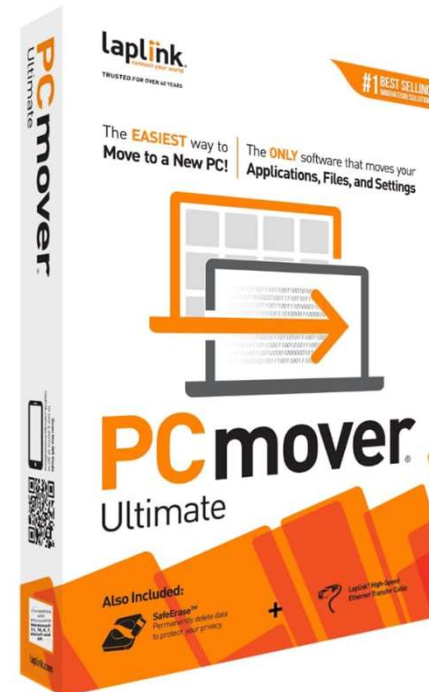
OUT OF SCOPE:

CHROMEBOOKS

TABLETS

MOVING TO A NEW COMPUTER

- PCmover Ultimate



Robson Ranch (Denton)

Tech Club Security Update

.For November 2024

Robson Ranch (Denton)

Tech Club Security Update

.For November 2024

- Fraudulent Emergency Data Requests
 - Bad Actors Access to Legal and Formal Data
 - Effects Mainly Commercial Business
 - Be Aware



Q&A