



Chromebooks are for Seniors

All about Chromebooks for those who don't know
why they are so good

by Hewie Poplock
hewie@hewie.net

SENIOR PLANET
FROM **AARP**

October 2022

Chromebooks
In
Kindergarten
Through
3rd Grade



Chromebooks
In
Kindergarten
Through
High School



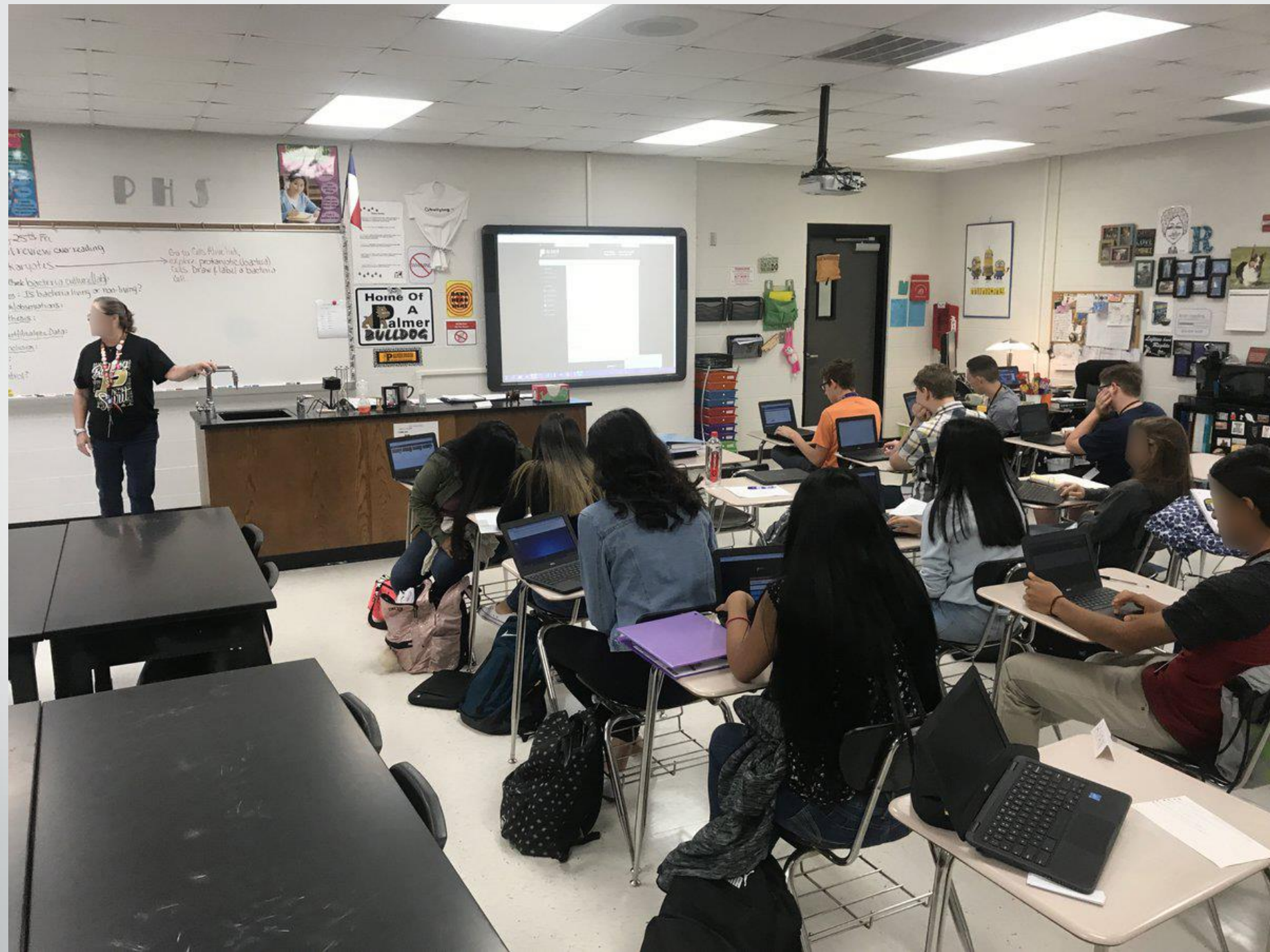
Kindergarten



6th Graders



High School



What do you do on a computer?

- eMail
- Facebook
- Games
- Look up information ("Google it")
- Banking & Pay bills
- Make purchases (Amazon & more)
- Zoom
- YouTube
- Word / Excel / PowerPoint / MS Office
- Other?

A decorative graphic in the top-left corner of the slide, consisting of a dark grey outline of a laptop's corner, with a bright blue line tracing the inner edge of the screen and keyboard area.

**You can do all of these
on a Chromebook**

Chromebooks

- Launched 2012
- 2015, the category overtook MacBooks in the U.S.
- 10.1 million units in 2019
- Fueled by the K-12 education market

Widely Used in Education

- Over 60 percent of U.S. K-12 schools.
- Windows is in second with around 22 percent and the combined impact of MacOS and iOS are close behind at 18 percent.
- It's a rapidly shifting landscape. Three years earlier, Apple's products represented nearly half of devices being shipped to U.S. classrooms.

Pros


- They boot quickly.
- They're effectively impervious to viruses (though not phishing, so make sure Mom and Dad know to watch for).
- Generally speaking, they're very inexpensive -- usually anywhere from \$200-500 depending on size and features. Can be up to \$1,500.
- Voice commands: You can say "OK, Google" from the launcher to invoke Google's voice-powered assistant.

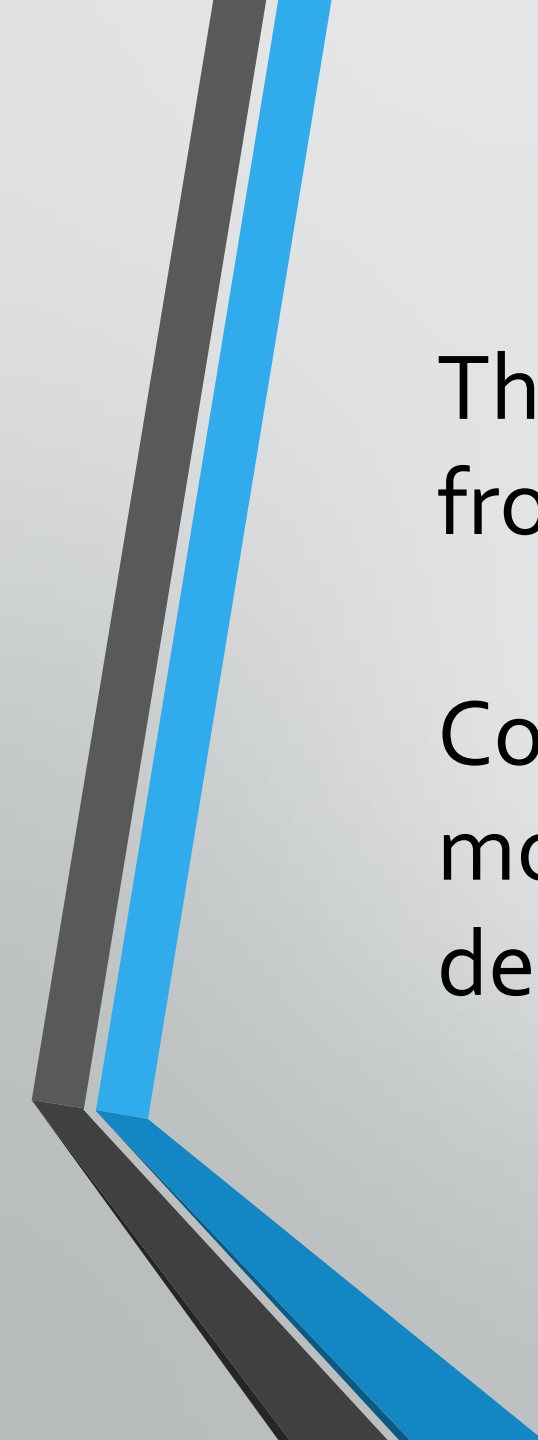
Pros (con't)

- Tight integration with everything Google: Gmail, Drive, Calendar and so on. That means any document created in, say, Google Docs is automatically archived to Drive. It's like full-time, automatic backup for nearly everything the user does.
- Good battery life.
- Simple keyboards.
- Come with all essential software.
- Easy to carry.

Cons

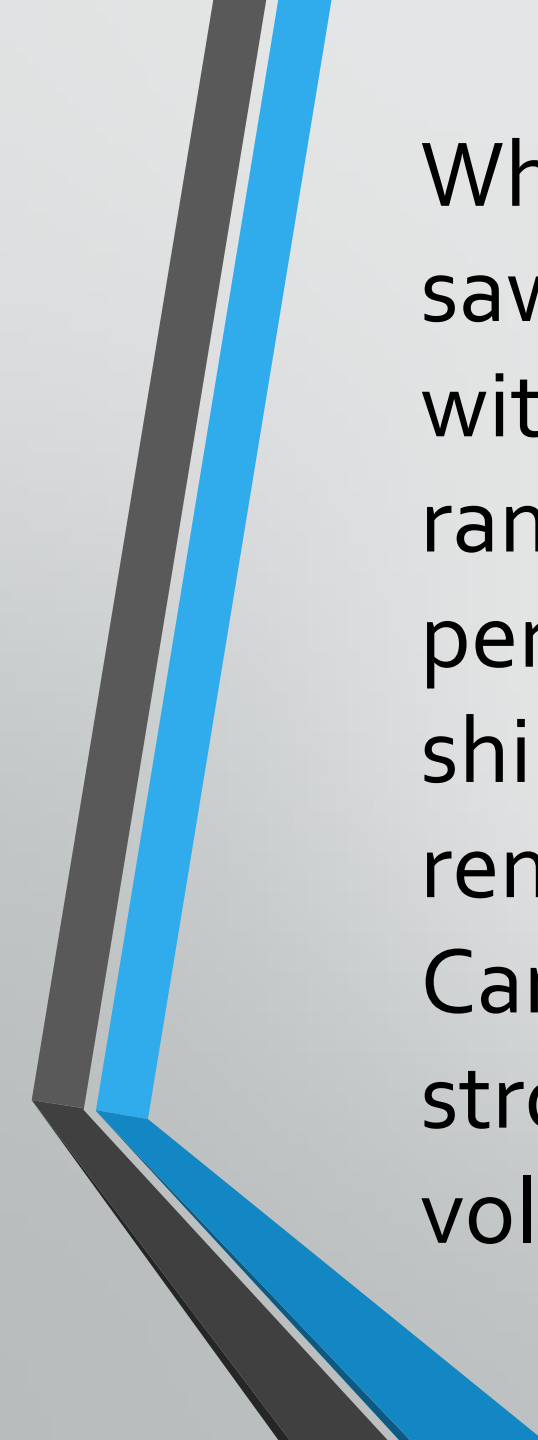
- There's a bit of a learning curve, especially if Mom and Dad are already accustomed to Windows.
- Printing can be a challenge. Chrome OS doesn't always allow for USB connections, but it does support wireless printing. However, setup isn't always easy.
- Gmail is not everyone's favorite mail client.
- Relies on the Internet.

- 
- 30 million Chromebooks are now used in education (Jan 2019)
 - In Q4 of 2018, Chromebooks made up 21% of all notebooks sold in the US
 - 23% growth year-over-year from 2017 to 2018
 - Estimated 10.1 million Chromebooks shipped worldwide in 2019



There is also growing interest in Chromebooks from businesses in the finance and retail sectors.


Companies are using Chromebooks as no-frills mobile thin clients, considering they are cheap to deploy and easy to manage.



When the Covid epidemic began, Chromebooks saw impressive growth with HP leading the market with 3.2m units shipped. At the same time, Lenovo ramped up Chromebook shipments by over 300 percent to come in second place with 1.8m units shipped. Dell, Acer and Asus made up the remainder of the top five Chromebook vendors in Canalys' PC Analysis with each company posting strong growth and record Chromebook shipment volumes.

Chrome Web Store vs Google Play Store

- Chrome Web Store is where you can find thousands of apps, extensions, and themes designed for your Google Chrome browser.
- Google Play Store lets you browse and shop for your favorite music, movies, and books. You can also download apps and games for your Android phone, tablet, or Chromebook.



The number of available apps in the Google Play Store was placed at 2.6 million apps in March 2019, after surpassing 1 million apps in July 2013. Google Play Store was originally launched in October 2008.

6 Reasons Why a Chromebook Should Be Your Next Computer

1 **Portability**
It only weighs 3 pounds. You can take it anywhere!

Battery **2**
Lasts for 10 hours!
No need to carry a charger everywhere.

3 **Google Apps**
All your documents are in the cloud!
They'll save automatically so you can access them anywhere

Performance **4**
Boot up in 5 seconds! No slowdown no matter how much you do.

5 **Security**
No viruses! The Chromebook is always up to date and always safe.

Price **6**
It only costs \$300. No add ons, no extra fees.

What is a Chromebook?



A Chromebook is a computer that comes with Google's Chrome OS operating system instead of Microsoft's Windows or Apple's macOS. Chromebooks all conform to a specific set of specifications set out by Google and are designed with portability, long battery life, and ease of use in mind. Chromebooks tend to be priced less than most Windows and Apple. Recently, however, various manufacturers have entered the mid-range and high-end Chromebook market, offering devices with much higher specifications and feature sets and competitive prices.

What is Chrome OS?

Chrome OS is a lightweight operating system based on Linux and the Chrome Browser. Google makes most of Chrome OS available for free via the open source Chromium OS project. Unlike traditional desktop operating systems, Chrome OS is designed primarily to work with online web services like Google Drive, Google Docs, and web-based email. Modern Chromebooks are also capable of running many Android apps from the Google Play Store. Now you can use many of your favorite Android phone and tablet applications on your Chromebook. Google has designed Chrome OS to be user-friendly, mostly maintenance free, auto-updating, resilient to viruses, and very much like an appliance – so you can spend your time using your Chromebook instead of fighting annoying computer problems.



What you should know before buying

A few years ago, Chrome OS was mainly just the Chrome browser and few pre-installed essential apps. The minimalistic design of Chromebooks works for many people who find themselves doing most of their daily work in Chrome, Firefox or Internet Explorer. Recently, Google has dramatically expanded the capabilities of Chrome OS by introducing the ability to run most Android applications and many Linux apps as well.



Linux Apps Support

Starting with Chrome OS version 69, some Chrome devices can install Linux desktop apps (as well as most server and command line software for developers)



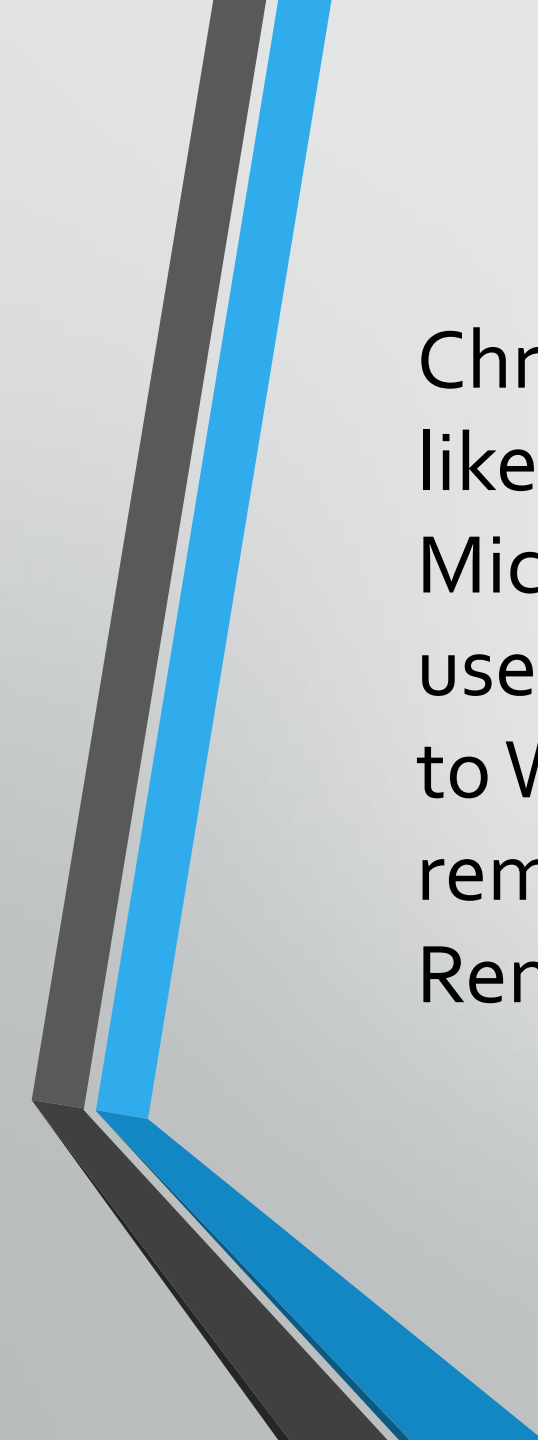
It doesn't run Windows Apps!

Chromebooks do not run Windows programs. Out of the box, you can't install the desktop version of Microsoft Office or your favorite old DOS game on a Chromebook. You can, however, use the online equivalent of many popular desktop apps like Microsoft Office 365 or the Android versions of Microsoft Office apps.



New to ChromeOS

- Record and edit videos
- Talk to Text
- Play games



Chromebooks are designed to use Google applications like Google Docs, Google Calendar, Gmail, and Youtube. Microsoft offers free online Office. You can feel free to use any online services you like. If you really need access to Windows programs, you can always connect to a remote Windows computer with the help of Chrome Remote Desktop or Chrome RDP.

You will need a Google Account

Pretty much everything about a Chromebook revolves around your Google account. You will need a Google account to log into the Chromebook. Your account is used to sync your settings between Chromebooks (and also Chrome on other operating systems), connect you to your Google Drive (where you'll probably want to store a lot of your documents) and log you into other Google services automatically. There is a guest mode available, but it's designed to allow friends and family easy access to your Chromebook, not for everyday use.



Chromebook Hardware

When comparing Chromebooks, you may notice that many models are very similar. Because Chromebooks must meet a set of specifications that Google makes for manufacturers, there are often similarities in the specifications of models from different manufacturers. While they might look the same on the surface, you'll find that there are subtle differences that make each Chromebook unique.



Different Types of Chrome Devices

Traditionally, **Chromebooks** have come in a standard notebook form factor, but there are other types of Chrome OS devices on the market. There are **Chromeboxes** which are small desktop computers, **Chrombase** which are all-in-one computers, convertible notebooks which feature hinges that allow you to flip the screen around and use the Chromebook like a tablet, and most recently Chromebooks with detachable screens and **Chromebook tablets**.



2-in-1/360°/Convertible



Chromebox



Convertible/Tablet



Chromebase



Traditional/Clamshell

WHAT TO LOOK FOR in a CHROMEBOOK

- **Brand**
- **Screen Size**
10-17"
- **Resolution**
1366x768,
1920x1080,
or greater
- **CPU Model**
- **CPU Speed**
- **Core**
- **Memory**
- **Storage**
- **Battery Life**
- **Weight**
- **HDMI**
- **USB 2/3/3.1/C**
- **Price**
- **Fan or Fanless**
- **Support Android**
- **Touchscreen**
- **Camera/Mic**
- **Lighted Keyboard**
- **LTE**
- **360 °**
- **AUE**

Auto-update Expiration

- Chrome devices (e.g. Chromebook, Chromebox, Chromebase, Chromebit) receive automatic updates that enhance both the device and its software. Device updates provide the latest features and keep the device secure, and are applied across the operating system, browser and hardware. These updates depend on many device specific non-Google hardware and software providers that work with Google to provide the highest level of security and stability support. For this reason, older Chrome devices cannot receive updates indefinitely to enable new OS and browser features.

<https://support.google.com/chrome/a/answer/6220366>




Why so little storage space?

Most Chromebooks come with between 16 and 64 GB of internal storage.

Helps keep prices low while still providing fast drives.

Chrome OS is designed to work with cloud services.



One advantage of saving your files in Google Drive is that your documents will automatically be available on all of your Chrome OS devices, on other devices where you've installed Google Drive (like Windows or Mac computers and mobile phones) and on the Google Drive website.

Internet Connectivity

While Chromebooks can do a lot of tasks while not connected to the Internet (like edit documents, watch videos, etc.), Chrome OS works best when connected to the Internet at all times.

- WiFi - Chromebooks come with WiFi as standard issue.
- Ethernet – You can buy a USB Ethernet adapter.
- Mobile Broadband - A few Chromebook models come with mobile broadband modems and offer 3G, 4G or LTE connections.
- Bluetooth - All Chrome devices come with Bluetooth radios.



The Show All Button

The Everything or Search Button

WHAT I BOUGHT

Dell - Inspiron 2-in-1 14" Touch-Screen Chromebook - Intel Core i3 - 4GB Memory - 128GB eMMC Flash Memory - Urban Gray

Model: C7486-3250GRY-PUS **SKU:** 6299820

★★★★★ 4.6 (299 Reviews) ▾

2 Expert Reviews

48 Answered Questions



Processor Model: ⓘ

Intel 8th Generation Core i3 ▾

System Memory (RAM): ⓘ

4GB ▾

Total Storage Capacity:

128GB ▾

Screen Size: ⓘ

14" ▾

Google Approved ChromeOS Devices

[Expand all](#) | [Collapse all](#)

Acer



AOpen



ADVAN



Ascon



Asus



Product	Auto Update Expiration date
Chromebit CS10	Nov 2020
Chromebook Tablet CT100	Aug 2023
Chromebook C200	Jun 2019
Chromebook C201PA	Jun 2020
Chromebook C202SA	Jun 2022
Chromebook C202XA	Jun 2025
Chromebook C203XA	Jun 2025
Chromebook C204	Jun 2027
Chromebook C223	Jun 2024
Chromebook C300	Aug 2019

Google Approved ChromeOS Devices

[Expand all](#) | [Collapse all](#)

Acer



AOpen



ADVAN



Ascon



Asus



Product	Auto Update Expiration date
Chromebit CS10	Nov 2020
Chromebook Tablet CT100	Aug 2023
Chromebook C200	Jun 2019
Chromebook C201PA	Jun 2020
Chromebook C202SA	Jun 2022
Chromebook C202XA	Jun 2025
Chromebook C203XA	Jun 2025
Chromebook C214	Jun 2027
Chromebook C223	Jun 2024
Chromebook C300	Aug 2019

<https://support.google.com/chrome/a/answer/6220366>

The reviews on this page have been selected by our editors, but have been optimized by our commerce team. If you buy through affiliate links, we may earn commissions.

The Best Chromebooks for 2022

By [John Burek](#) & [Tom Brant](#) Updated June 26, 2022

SPOTLIGHT



Best Chromebook for Most People

★★★★ 4.0 Excellent

Acer Chromebook Spin 514

Except for being a few ounces overweight, it's hard to knock Acer's 14-inch, AMD Ryzen-based Chromebook Spin 514 as a versatile, affordable 2-in-1 laptop.

[Full Acer Chromebook Spin 514 Review](#)

PROS & CONS ▾

at Amazon [See It](#)

<https://www.pcmag.com/lists/best-chromebooks>

Best Budget Chromebook Tablet



★★★★ 4.0 Excellent

Lenovo Chromebook Duet

at Amazon

[See It](#)

Budget-strapped consumers and students with light computing needs will be captivated by Lenovo's Chromebook Duet, a detachable 2-in-1 that tops better-known 2-in-1 tablets on value.

[Read Lenovo Chromebook Duet Review](#)

Best High-End Chromebook



★★★★★ 4.5 Outstanding

Acer Chromebook Spin 713 (2022)

at Amazon

[See It](#)

It's pricey for a Chromebook, but Acer's Chromebook Spin 713 remains a world-class alternative to Windows convertibles.

[Read Acer Chromebook Spin 713 \(2022\) Review](#)

A Solid Alternative to the Spin 514



★★★★ 4.0 Excellent

Lenovo IdeaPad Flex 5 Chromebook (2021)

at Amazon

[See It](#)

Chromebooks with poly processors and cramped flash storage dominate the market, but Lenovo's fair-priced IdeaPad Flex 5 shows how a Chromebook can benefit from an Intel Core CPU and a "true" onboard SSD.

[Read Lenovo IdeaPad Flex 5 Chromebook \(2021\) Review](#)

Best Chromebook for Kids



★★★★ 4.0 Excellent

Dell Chromebook 11 (3100)

at Amazon

[See It](#)

Designed to withstand the rigors of daily life in the classroom, at home, and in between, the Dell Chromebook 11 hits a trifecta: rugged, affordable, and great for kids.

[Read Dell Chromebook 11 \(3100\) Review](#)

Best ARM



★★★★

Asus Chromebook

at Amazon

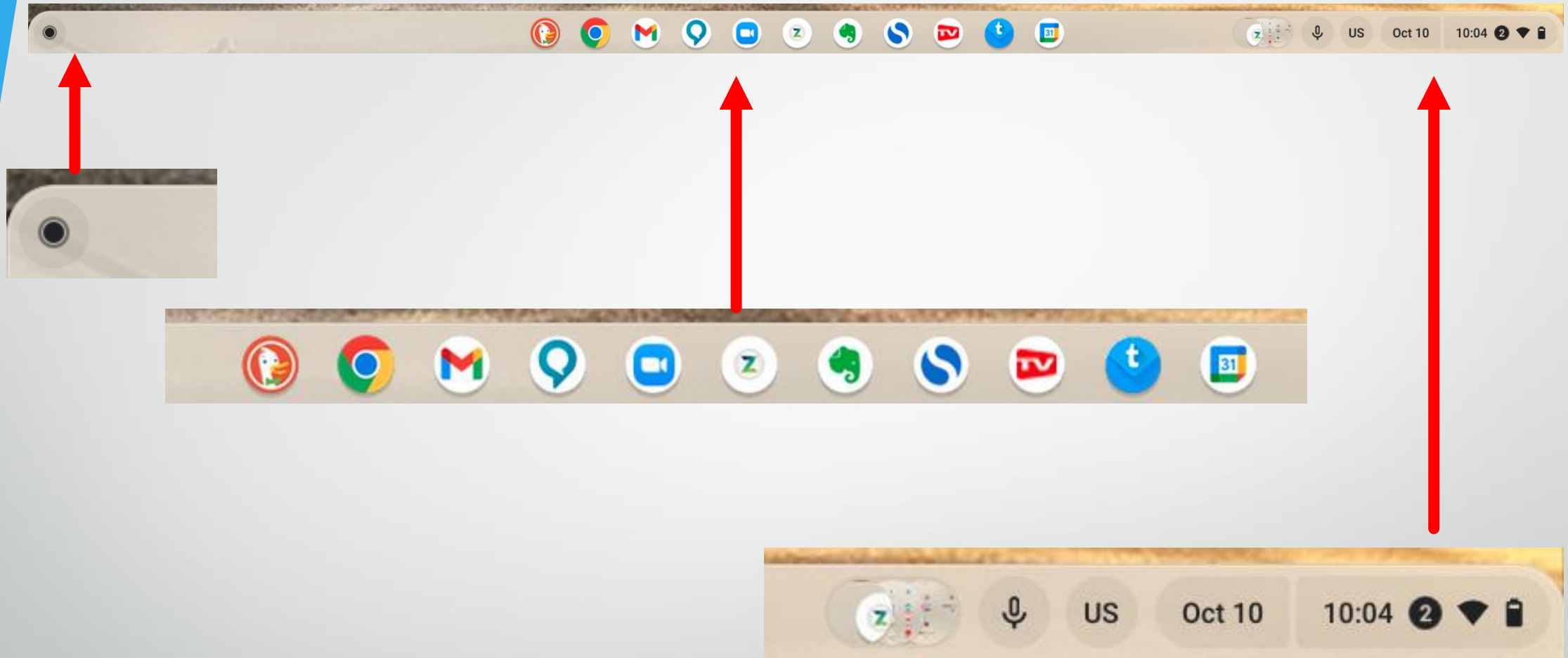
[See It](#)

The Asus 2-in-1 comes with speedy performance and an included stylus.

[Read Asus Chromebook Review](#)

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	PCMAG Tests and Ratings September 2022												
2	Our Picks	Acer Chromebook spin 514	Lenovo Chromebook Duet	Acer Chromebook spin 713 (2022)	Lenovo IdeaPad Flex 5 Chromebook (2021)	Dell Chromebook 11 (3100)	Asus Chromebook Flip CM3	Acer Chromebook 317	Lenovo IdeaPad Duet 5 Chromebook	Lenovo ThinkPad C13 Yoga Chromebook	HP Chromebook x2 (2021)		
3													
4	Editors' Rating		Editors' Choice	Editors' Choice					Editors' Choice	Editors' Choice			
5		4.0	4.0	4.5	4.0	4.0	4.0	3.5	4.0	4.0	4.0		
6	Laptop Class	Convertible 2-in-1, Chromebook	Chromebook, Detachable 2-in-1	Convertible 2-in-1, Chromebook	Convertible 2-in-1, Chromebook	Chromebook	Convertible 2-in-1, Budget	Chromebook, Desktop Replacement	Chromebook, Detachable 2-in-1	Business, Convertible 2-in-1, Chromebook	Detachable 2-in-1, Chromebook		
7	Processor	AMD Ryzen 5 3500C	MediaTek Helio P60T	Intel Core i5-1135G7	Intel Core i3-1115G4	Intel Celeron N4020	MediaTek Kompanio 820	Intel Celeron N4500	Qualcomm Snapdragon 7c Gen 2	AMD Ryzen 5 3500C	Qualcomm Snapdragon 7c		
8	Processor Speed	2.1 GHz	2 GHz	2.4 GHz	3 GHz	2.8 GHz	2.2 GHz	1.1 GHz	2.55 GHz	2.1 GHz	2.4 GHz (max boost)		
9	RAM (as Tested)	8 GB	4 GB	8 GB	8 GB	4 GB	4 GB	4 GB	8 GB	8 GB	8 GB		Row: 3
10	Boot Drive Type	eMMC Flash Memory	eMMC Flash Memory	SSD	SSD	eMMC Flash Memory	eMMC Flash Memory	eMMC Flash Memory	eMMC Flash Memory	SSD	eMMC Flash Memory		
11	Boot Drive Capacity (as Tested)	128 GB	128 GB	256 GB	128 GB	16 GB	64 GB	64 GB	128 GB	256 GB	64 GB		Row: 6
12	Screen Size	14 inches	10.1 inches	13.5 inches	13.3 inches	11.6 inches	12 inches	17.3 inches	13.3 inches	13.3 inches	11 inches		
13	Native Display Resolution	1920 by 1080	1920 by 1200	2,256 by 1,504	1920 by 1080	1366 by 768	1366 by 912	1920 by 1080	1,920 by 1,080	1920 by 1080	2160 by 1440		Row: 7
14	Touch Screen	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes		Row: 8
15	Panel Technology	IPS	IPS	IPS	IPS	TN	LCD	IPS	OLED	IPS	IPS		
16	Variable Refresh Support	None	None	None	None	None	None	None	None	None	None		Row: 10
17	Screen Refresh Rate	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz		...
18	Graphics Processor	AMD Radeon Vega 8	ARM G72 MP3	Intel Iris Xe Graphics	Intel UHD Graphics	Intel UHD Graphics 600	Arm Mali-G57	Intel UHD Graphics	Qualcomm Adreno GPU	AMD Radeon Vega Mobile Graphics	Qualcomm Adreno 618		Row: 13
19	Wireless Networking	802.11ac, Bluetooth	802.11ac, Bluetooth	802.11ax (Wi-Fi 6)	Bluetooth, 802.11ax (Wi-Fi 6)	802.11ac, Bluetooth	802.11ac, Bluetooth	Bluetooth, 802.11ax (Wi-Fi 6)	Bluetooth, 802.11ax (Wi-Fi 6)	Bluetooth, 802.11ax (Wi-Fi 6)	802.11ac, Bluetooth		
20	Dimensions (HWD)	0.68 by 12.7 by 8.9 inches	0.29 by 9.4 by 6.3 inches	0.67 by 11.8 by 9.3 inches	0.67 by 12.2 by 8.4 inches	0.82 by 11.96 by 8.19 inches	0.7 by 10.6 by 8.5 inches	0.89 by 15.8 by 10.5 inches	0.28 by 12 by 7.4 inches	0.61 by 12.1 by 8.4 inches	0.3 by 9.9 by 7 inches		
21	Weight	3.64 lbs	2.03 lbs	3.2 lbs	2.97 lbs	2.85 lbs	2.5 lbs	5.18 lbs	2.24 lbs	3.3 lbs	1.23 lbs		
22	Operating System	Google Chrome OS	Google Chrome OS	Google Chrome OS	Google Chrome OS	Google Chrome OS	Chrome OS	Google Chrome OS	Google Chrome OS	Google Chrome OS	Google Chrome OS		
23	Tested Battery Life (Hours:Minutes)	10:50	13:48	11:10	9:15	9:26	6:23	9:10	21:10	8:50	6:15		
24	Where to Buy	at Amazon	at Amazon			at Amazon			at Amazon		at Walmart		
25		at Best Buy	at Walmart	at Amazon	at Amazon	at Dell Technology	at Amazon	at Amazon	at Best Buy	at Amazon	at HP		
26	AUE	June 24 or 29	June 2028	June 28 or 29	June 2029	June 2027	June 2028 or 29	June 2029	June 2029	June 2029	June 2029		
27													





The Shelf



Sign out



TP-Link_19E4 ▾
Strong



Bluetooth ▾
On



Accessibility ▾



Notifications ▾
Off for 55 apps



Screen capture



Nearby visibi...
Off



Night Light
Off



Dark theme
Off



Mon, Oct 10 | 79% - 3:35 left



Search your settings, files, apps, and more...



Continue where you left off



Docs



Text Editor



Play Store



Zoom



CloudConv...



CloudConv...



Ring Camer...



Zoom



Screencast



Gallery



Chrome



Play Store



Web Store



YouTube



Docs



Sheets



Slides



WinZip



YouTube M...



Google Pho...



Play Books



Google Cal...



Gmail



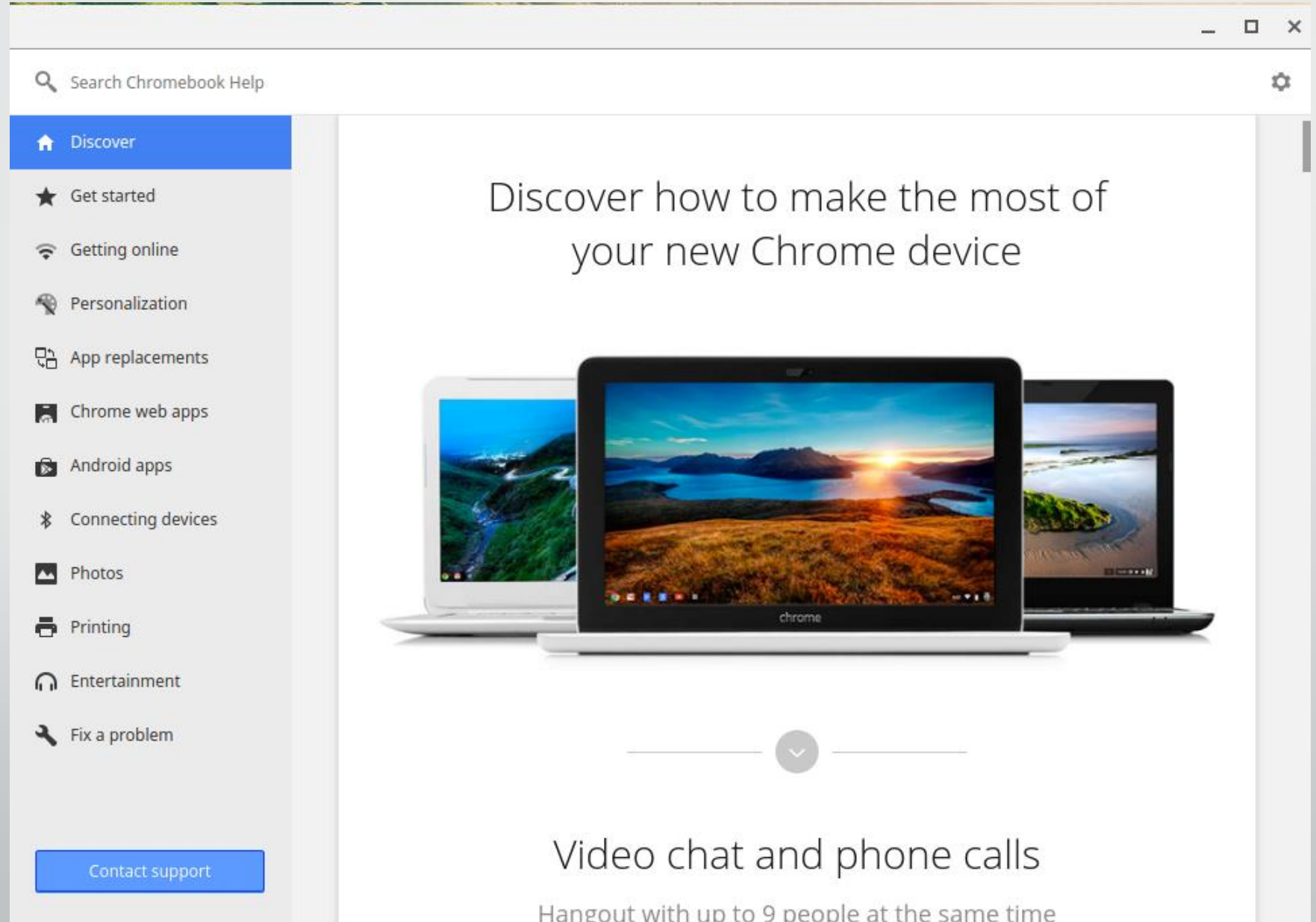
Calculator



Files



CHROMEBOOK HELP




The image shows a browser window displaying the Chromebook Help page. The page has a clean, modern design with a white background and a blue accent color. On the left side, there is a vertical navigation menu with a search bar at the top. The menu items are: Discover (highlighted in blue), Get started, Getting online, Personalization, App replacements, Chrome web apps, Android apps, Connecting devices, Photos, Printing, Entertainment, and Fix a problem. At the bottom of the menu is a blue button labeled "Contact support". The main content area features a large heading: "Discover how to make the most of your new Chrome device". Below the heading is an image of three Chromebooks displaying scenic nature photos. Underneath the image is a downward-pointing arrow icon. At the bottom of the main content area, there is another heading: "Video chat and phone calls", followed by the text "Hangout with up to 9 people at the same time".

Search Chromebook Help

- Discover
- Get started
- Getting online
- Personalization
- App replacements
- Chrome web apps
- Android apps
- Connecting devices
- Photos
- Printing
- Entertainment
- Fix a problem

Contact support

Discover how to make the most of your new Chrome device



Video chat and phone calls

Hangout with up to 9 people at the same time

FOR BEGINNERS
TO EXPERTS

Learning Chromebooks



**4th Thursdays @ 2PM ET
11AM PT**



Hewie Poplock



Ron Brown

Registration Required

<http://bit.ly/learningchromebooks>

Tech for Senior

Home Privacy Policy for TFS Learning Chromebooks APCUG Presentations Tech for Seniors About My Guest Book

LIVE STREAM

[Click here to join TFS LIVE STREAM](#)

Tech for Senior

Providing technology information to Seniors

[Register for Learning Chromebooks \(Click this link\)](#)

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<https://www.facebook.com/techforsenior>

TFS Public Calendar

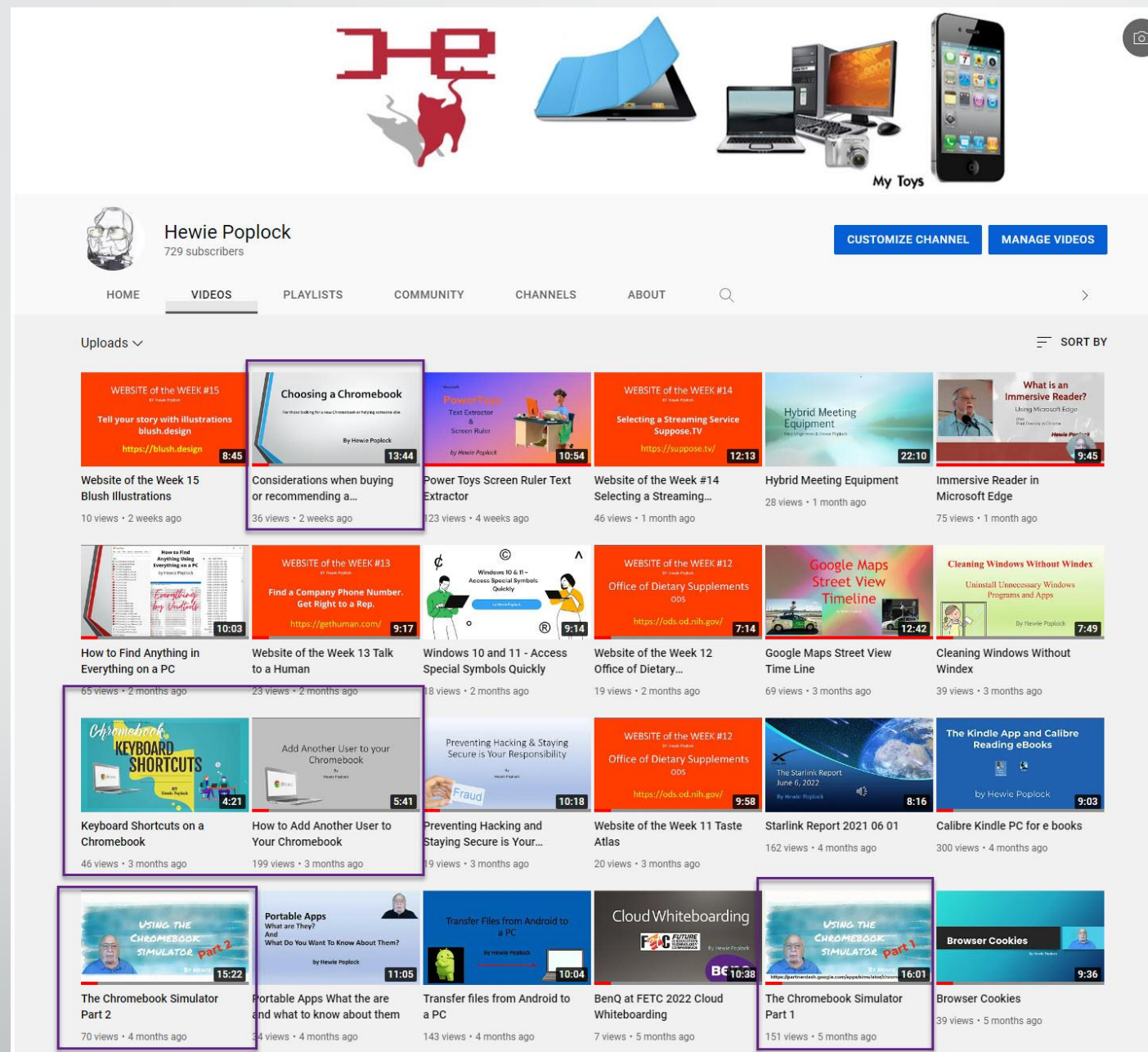
Tech for Seniors
Hosted by Ron Brown & Hewie Poplock

Every Monday from
9-10 AM PT/ 12-1 PM ET

Broadcast with ZOOM

<https://www.techforsenior.com>

<https://www.techforsenior.com/>



The image shows a YouTube channel page for Hewie Poplock. At the top, there is a banner with several images: a red cat silhouette, a blue folder, a desktop computer setup, and a smartphone. The channel name "Hewie Poplock" is displayed with a profile picture and "729 subscribers". Navigation tabs include HOME, VIDEOS, PLAYLISTS, COMMUNITY, CHANNELS, and ABOUT. The "Uploads" section is active, showing a grid of 24 video thumbnails. Each thumbnail includes a title, a duration, and view statistics. Several thumbnails are highlighted with purple borders.

Thumbnail Title	Duration	Views	Time Ago
Website of the Week #15	8:45	10	2 weeks ago
Choosing a Chromebook	13:44	36	2 weeks ago
Power Toys Screen Ruler Text Extractor	10:54	123	4 weeks ago
Website of the Week #14	12:13	46	1 month ago
Hybrid Meeting Equipment	22:10	28	1 month ago
What is an Immersive Reader?	9:45	75	1 month ago
How to Find Anything in Everything on a PC	10:03	65	2 months ago
Website of the Week #13	9:17	23	2 months ago
Windows 10 and 11 - Access Special Symbols Quickly	9:14	8	2 months ago
Website of the Week #12	7:14	19	2 months ago
Google Maps Street View Time Line	12:42	69	3 months ago
Cleaning Windows Without Windex	7:49	39	3 months ago
Keyboard Shortcuts on a Chromebook	4:21	46	3 months ago
How to Add Another User to Your Chromebook	5:41	199	3 months ago
Preventing Hacking and Staying Secure is Your...	10:18	19	3 months ago
Website of the Week #11	9:58	20	3 months ago
Starlink Report 2021 06 01	8:16	162	4 months ago
Calibre Kindle PC for e books	9:03	300	4 months ago
The Chromebook Simulator Part 2	15:22	70	4 months ago
Portable Apps What are they and what to know about them	11:05	34	4 months ago
Transfer files from Android to a PC	10:04	143	4 months ago
BenQ at FETC 2022 Cloud Whiteboarding	10:38	7	5 months ago
The Chromebook Simulator Part 1	16:01	151	5 months ago
Browser Cookies	9:36	39	5 months ago

<https://www.youtube.com/user/hewiep/>

Tech for Seniors

Hosted by Ron Brown & Hewie Poplock





Questions ?

Links

Auto Update Expirations -

<https://support.google.com/chrome/a/answer/6220366>

PC Mag Best Chromebooks September 2022 -

<https://www.pcmag.com/lists/best-chromebooks>

Register for Learning Chromebooks -

<https://bit.ly/learningchromebooks>

Tech for Seniors Homepage =

<https://www.techforsenior.com/>

Hewie's YouTube Channel -

<https://www.youtube.com/user/hewiep/>

Hewie's email - hewie@hewie.net

Hewie's website - <https://hewie.net>



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All about Chromebooks for those who don't know
why they are so good

by Hewie Poplock
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SENIOR PLANET
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October 2022