

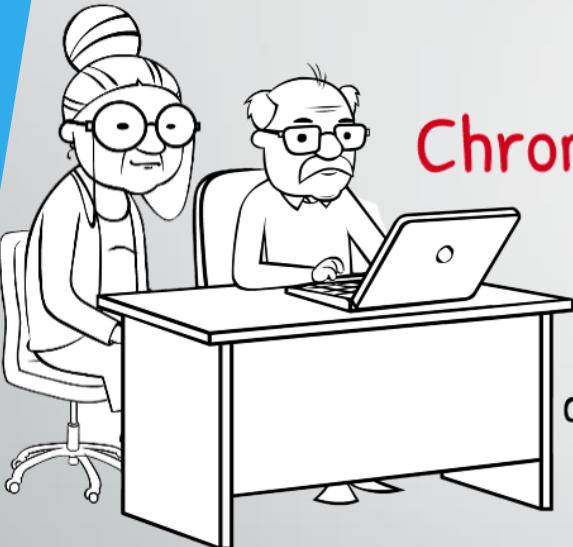
Why You Should Switch To A Chromebook

All about Chromebooks for those who don't know
why they are so good
& some tips for those using them

by Hewie Poplock

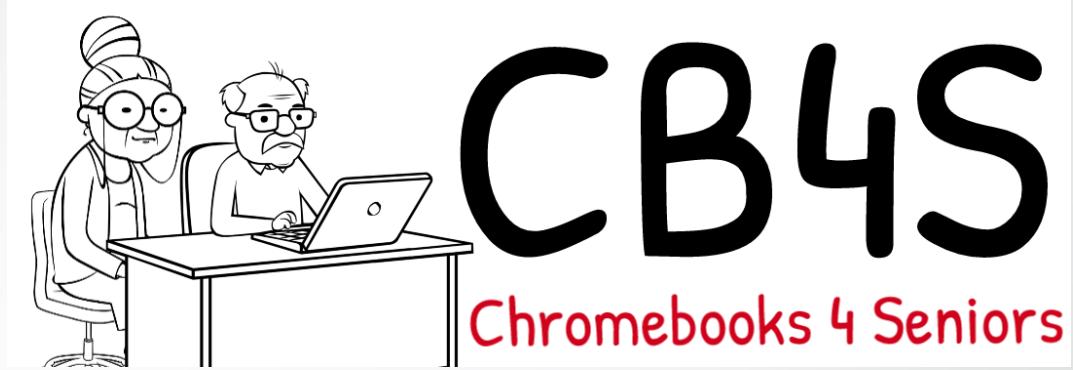
info@hewie.net





Chromebooks 4 Seniors

The remedy for the
aches & pains of computing



cb4s.net

Chromebooks In Kindergarten Through 3rd Grade



Chromebooks In Kindergarten Through High School



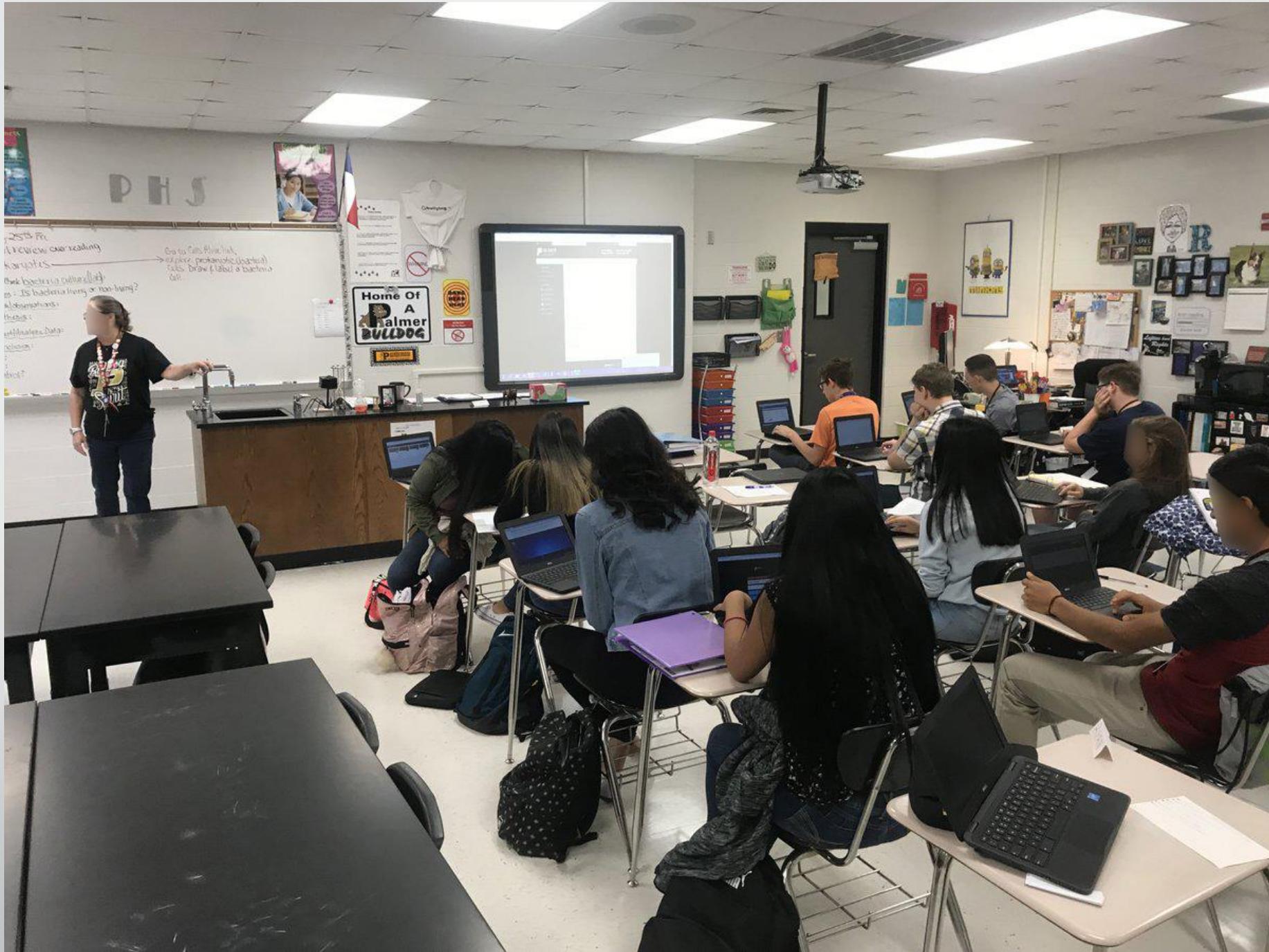
Kindergarten



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)
- Skype
- YouTube
- Word / Excel / PowerPoint / MS Office
- Other?

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.

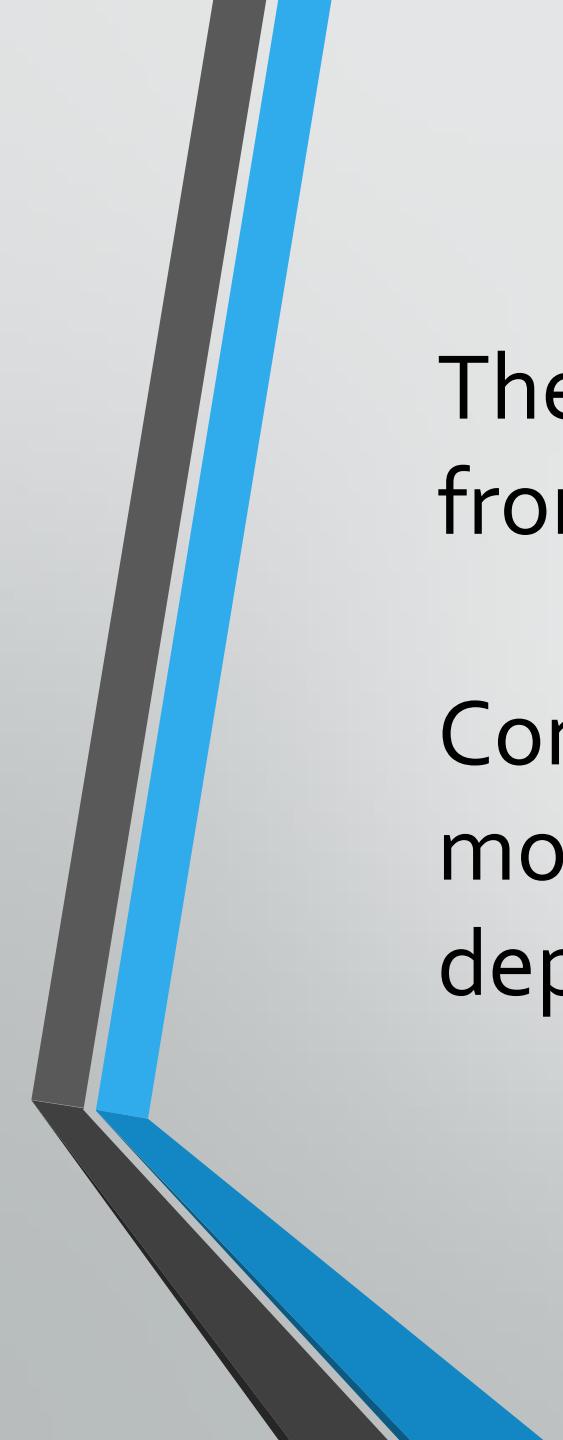
Pros (con't)

- 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 -- provided your printer supports Google Cloud Print. And even if it does, 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

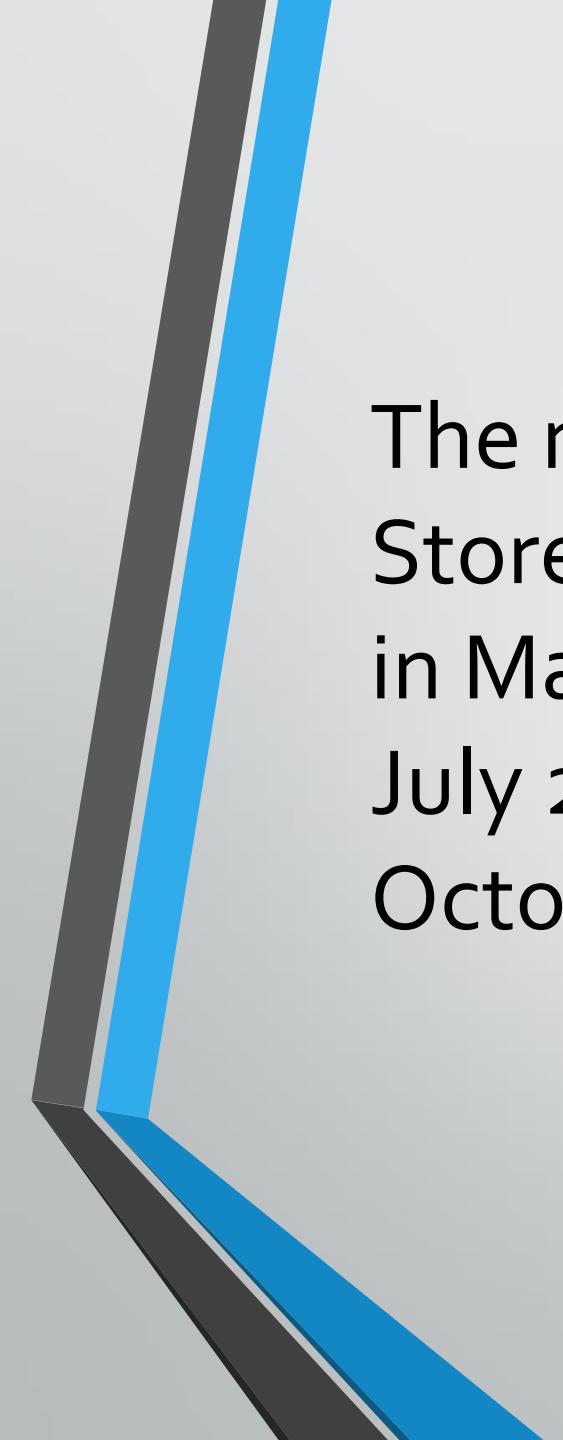


There is also growing interest in Chromebooks from businesses in the finance and retail sectors.

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

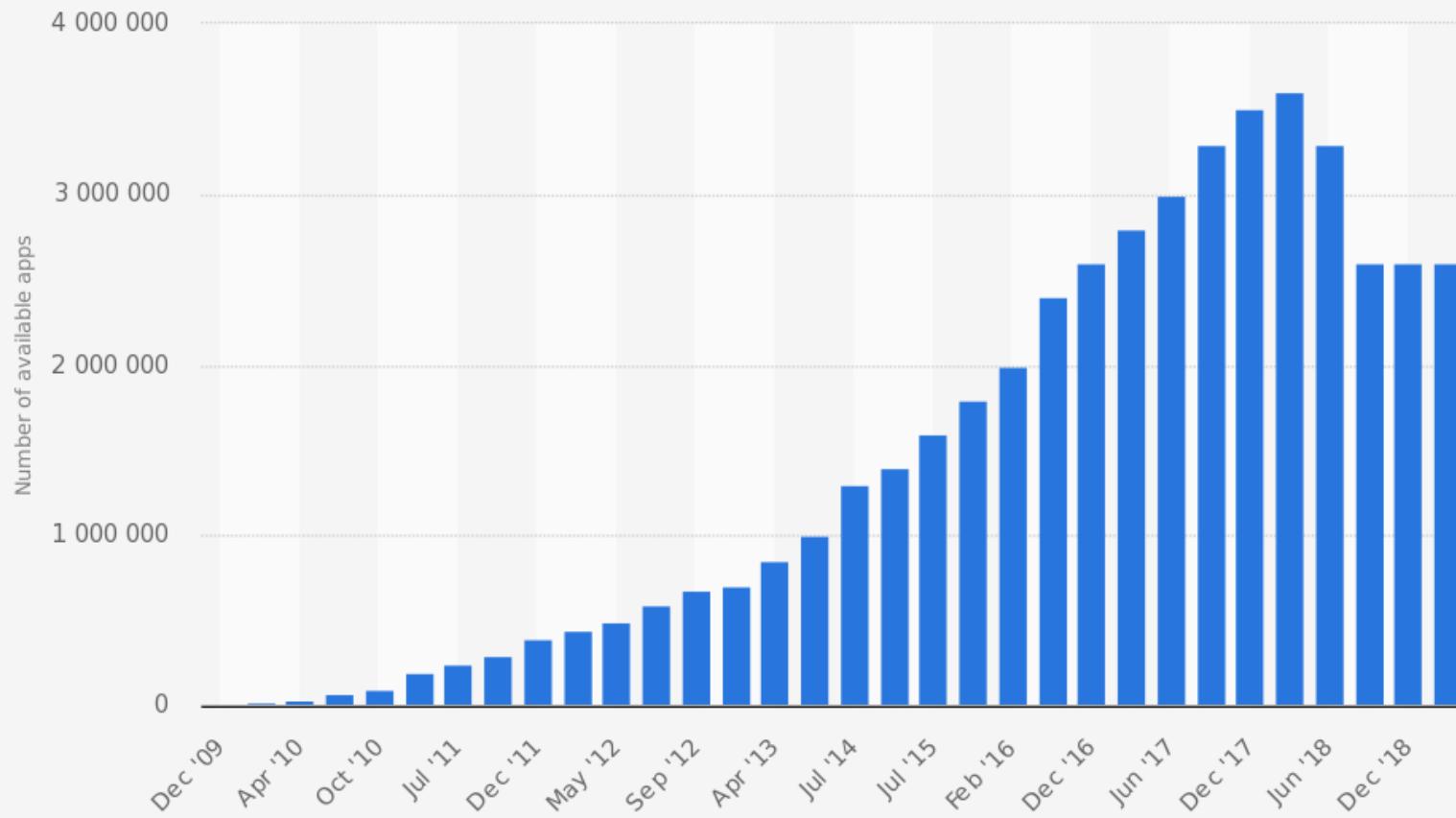
Chrome Web Store vs Google Play

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



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

Number of available applications in the Google Play Store from December 2009 to March 2019



Sources

Android; Google; App Annie; AppBrain
© Statista 2019

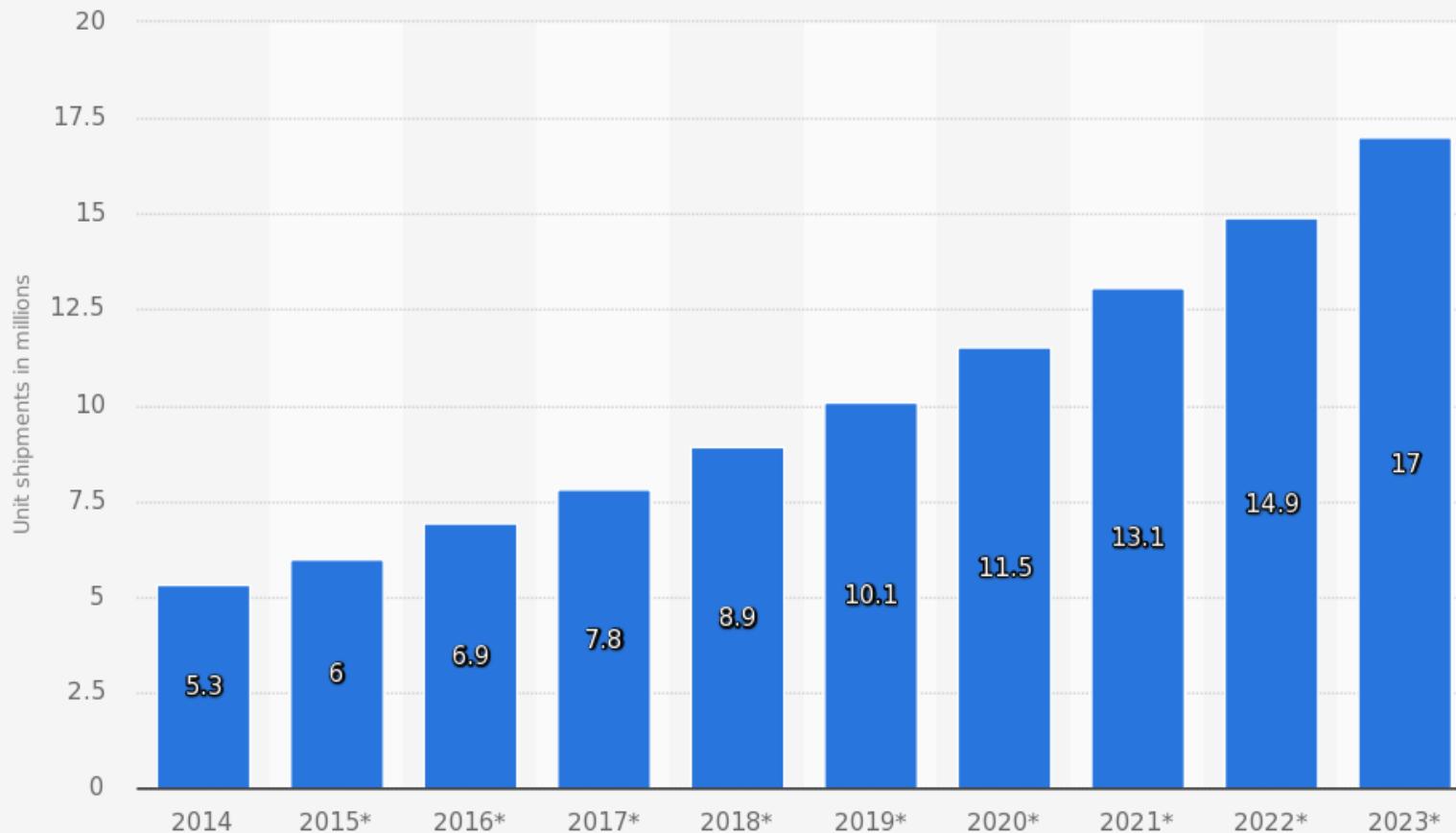
Additional Information:

Worldwide; Google; Android; App Annie; December 2009 to March 2019

Chrome OS Systems Supporting Android Apps

- Most 2017 & later Models
- Some earlier models

Chromebook unit shipments worldwide from 2014 to 2023 (in millions)



Sources

Global Market Insights; Statista estimates
© Statista 2019

Additional Information:

Worldwide; Global Market Insights; Statista estimates; 2016



2012

Worldwide Growth



6 Reasons Why a Chromebook Should Be Your Next Computer

1 Portability

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

Lasts for 10 hours!

Battery 2

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.

2019 Chromebooks

↑↓ Sort by: Release Date ▾

Brand	Name	Month	Screen	Resolution	CPU model	CPU speed	Core	Octane	Memory	Storage	Battery	Weight lb	Weight kg
Lenovo	300e Chromebook (2019)	n/a	11.6"	1366x768	Intel Celeron N4000	1.1 GHz	2	16000*	4 GB	32 GB	10 hr	2.75 lb	1.25 kg
HP	Chromebook 11 G7 EE	Apr	11.6"	1366x768	Intel Celeron N4000	1.1 GHz	2	16000*	?-8 GB	16-64 GB	13 hr	2.93 lb	1.33 kg
HP	Chromebook 11 G7 EE	Apr	11.6"	1366x768	Intel Celeron N4100	1.1 GHz	4	n/a	?-8 GB	16-64 GB	13 hr	2.93 lb	1.33 kg
HP	Chromebook x360 11 G2 EE	Apr	11.6"	1366x768	Intel Celeron N4000	1.1 GHz	2	16000*	?-8 GB	32-64 GB	11.5 hr	3.24 lb	1.47 kg
HP	Chromebook x360 11 G2 EE	Apr	11.6"	1366x768	Intel Celeron N4100	1.1 GHz	4	n/a	?-8 GB	32-64 GB	11.5 hr	3.24 lb	1.47 kg
ASUS	Flip C434	Mar	14"	1920x1080	Intel Core m3-8100Y	1.1 GHz	2	30000*	4-8GB	64-128 GB	10 hr	3.2 lb	1.45 kg
ASUS	Flip C434	Mar	14"	1920x1080	Intel Core i5 8200Y	1.3 GHz	2	32000*	?-8GB	?-128 GB	10 hr	3.2 lb	1.45 kg
ASUS	Flip C434	Mar	14"	1920x1080	Intel Core i7 8500Y	1.5 GHz	2	n/a	?-8GB	?-128 GB	10 hr	3.2 lb	1.45 kg
Lenovo	500e Chromebook (2019)	Mar	11.6"	1366x768	Intel Celeron N4100	1.1 GHz	4	n/a	4 GB	32 GB	10 hr	2.9 lb	1.31 kg
Acer	Chromebook 315	Feb	15.6"	1920x1080	AMD A4-9120C	1.6 GHz	2	14000*	?-8 GB	32 GB	10 hr	3.79 lb	1.72 kg
Acer	Chromebook 315	Feb	15.6"	1920x1080	AMD A6-9220C	1.8 GHz	2	n/a	?-8 GB	32 GB	10 hr	3.79 lb	1.72 kg

WHAT TO LOOK FOR

- Brand
- Screen Size
- Resolution
- CPU Model
- CPU Speed
- Core
- Memory
- Storage
- Battery
- Weight
- HDMI
- Price
- *Support Android*
- *Touchscreen*
- *Camera/Mic*
- *Lighted Keyboard*
- *LTE*
- *360 °*

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.

Play Store (Android Apps) Support



Official support for Android apps from the Google Play Store is available now on many Chromebooks and coming to more models all the time. Google is planning to support many older devices, and it seems logical that most new Chromebooks released in the future will have Android support. Productivity apps like the Android versions of Microsoft Word, PowerPoint, and Excel can now run on Chromebooks along with games and other top apps. You can find Chromebooks and Chromeboxes that support the Play Store using the comparison tool above and checking the box “Android Apps.”

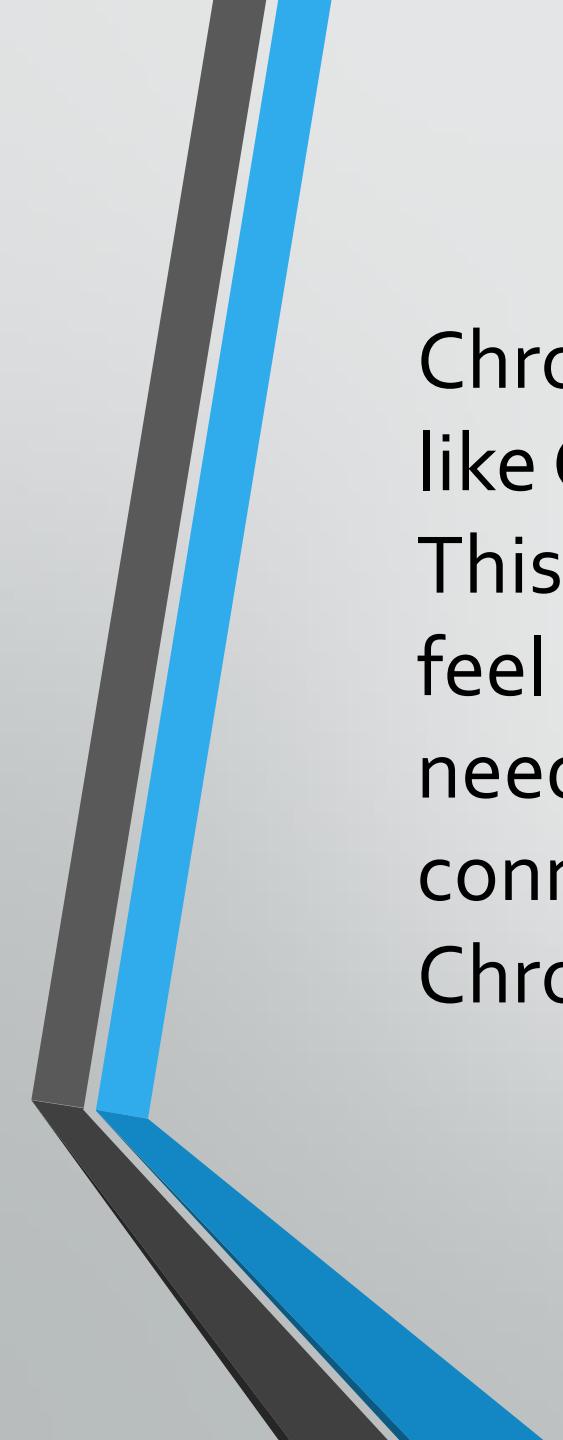
Linux Apps Support

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.



Chromebooks are designed to use Google applications like Google Docs, Google Calendar, Gmail, and Youtube. This doesn't mean that you're limited to these services, 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 service 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, **Chromebits** which are tiny low-powered stick-like 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**.

Screen Considerations

Screen Sizes

10.1 inches to 15.6 inches.

16:9 widescreen aspect ratio (like an HD TV) and usually 1366x768 or 1920x1080 resolution.

16:10 aspect ratio and 1280x800 resolution

3:2 aspect ratio and a very high resolution of 2400x1600.

More and more Chromebook models are shipping with multi-touch support.

Anti-glare matte screen vs a very glossy finish

Styluses, Pens, and Pencils

Processors

The processor or CPU is arguably the most crucial part of any computer. Chromebooks come with several different kinds of processors, including some that you may have never heard of before. Here's what you need to know about processors when buying a Chromebook.

Intel vs. ARM Processors



Chrome OS can run on both ARM and Intel architectures.

For the most part, Chromebooks with ARM processors and Intel processors behave identically.

Gigahertz, Cores, and Graphics Processors

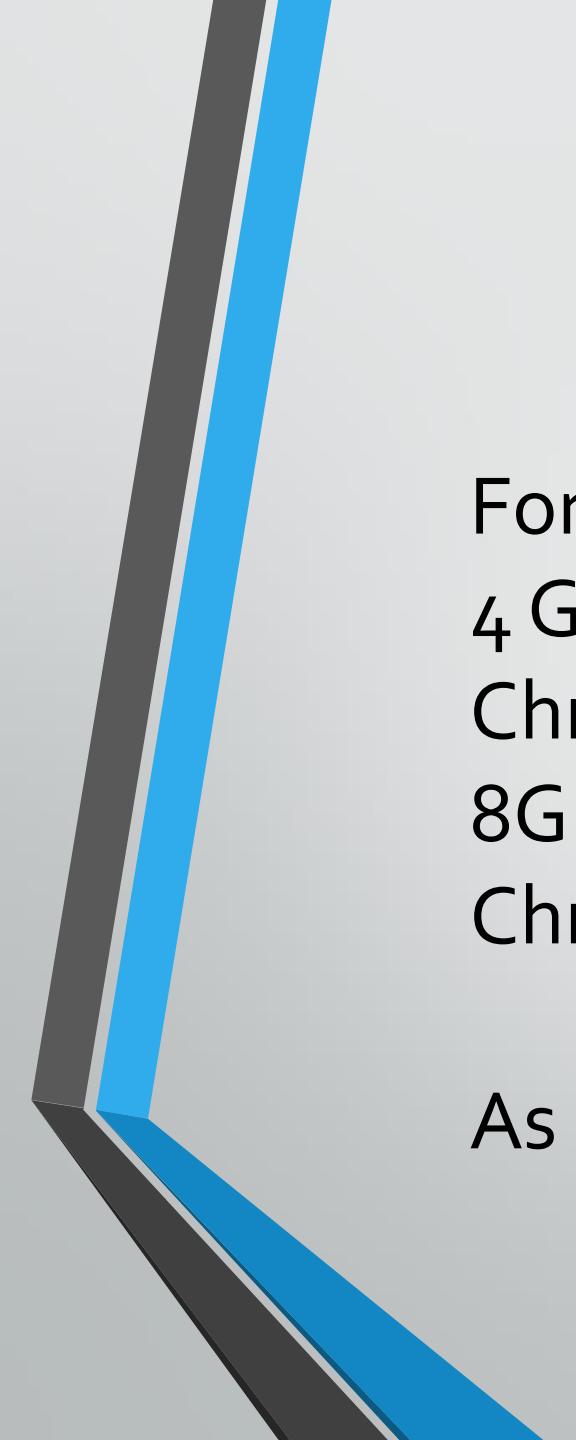
Processor speed is measured in Gigahertz (GHz). Generally speaking, the more GHz, the faster the Chromebook.

As a general rule, it is better to have a quad-core processor than a dual-core processor.

Chromebooks come with graphics processors (GPUs) integrated into the processor (CPU) or “System on a Chip” processor packages.

System Memory (RAM)

The amount of RAM is another important thing you should consider when searching for your perfect Chromebook. Many modern websites like Facebook, Google Docs, and other web apps require ever increasing amounts of memory, and with many sites open at once, you can quickly run out of memory.



For many casual users, 2 GB is enough system memory
4 GB of RAM if you tend to have many tabs open in
Chrome

8GB/16 GB RAM available for newer high-end
Chromebooks

As a general rule, the more RAM you have, the better!

Types of internal storage

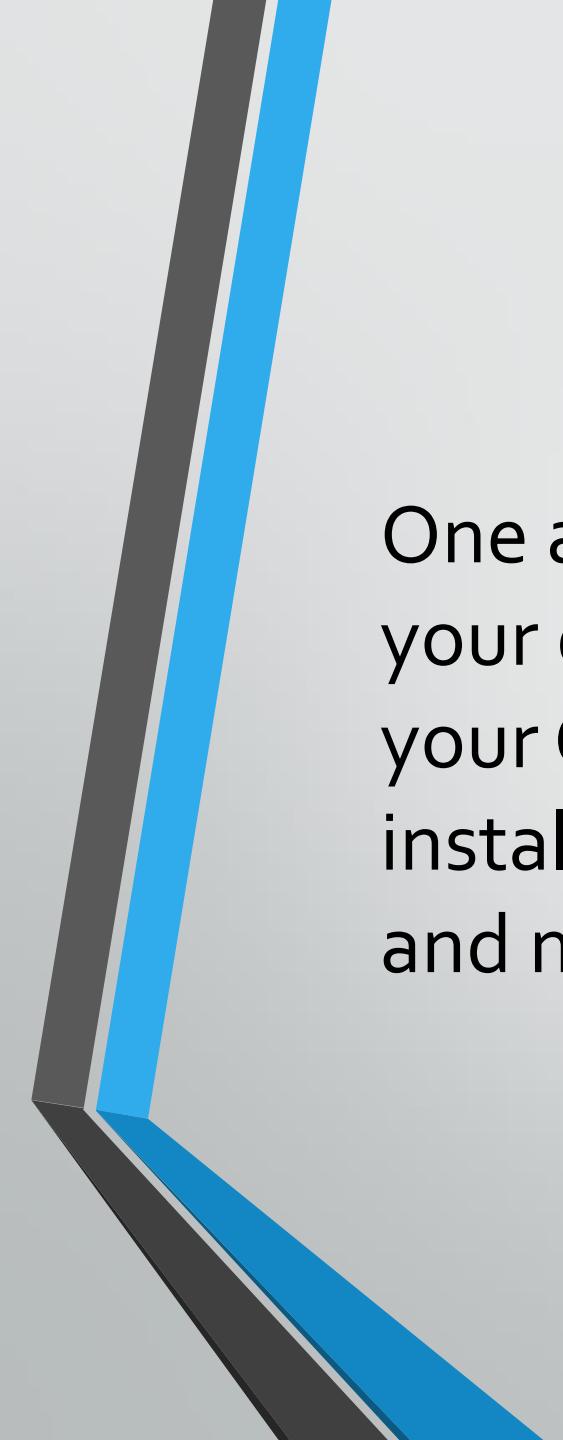
Chromebooks come with either eMMC or SSD solid state internal storage instead of traditional hard drives. These technologies are much faster than hard drives and allow Chromebooks to start up and load programs very quickly. While both eMMC and SSD drives are similar, they do have their differences, mainly that SSD drives are faster and of higher quality than eMMC drives.

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.

Other Storage 1

SD and microSD Cards

Nearly all Chromebooks come with either an SD or microSD memory card reader.

Other Storage 2

USB Drives

Chromebooks support USB flash drives and USB hard drives that are formatted in a variety of standard formats. You can read and write to USB hard drives from Windows computers as well as read Mac formatted drives. This makes sharing documents with your other computers simple and makes expanding the Chromebook's storage almost limitless.

Other Storage 3

Google Drive

Many Chromebooks come with 100 GB of free storage on Google Drive (see current offers [here](#)). This is more than enough room for most users, especially since Google introduced unlimited storage of photos and videos on Google Photos. If you require even more storage, you can always upgrade your Google storage plan.

<https://www.google.com/chromebook/perks/>

Other Storage 4

Google Drive Alternatives

Of course, there are many competitors to Google Drive like Dropbox, Microsoft OneDrive, and Tresorit. All of these services can be accessed through their web interfaces on a Chromebook. Recently, some third-party developers have released apps to integrate these services directly into the Chrome OS file manager. See the File System for Dropbox App, and the File System for OneDrive App.

Other Storage 5

Optical Drives (CD and DVD)

Chromebooks do not come with CD or DVD drive, but some USB DVD drives will work to read files. While you can read files from CDs and DVDs, you won't be able to play audio CDs or watch DVD videos. There is also no included software for writing data to blank CD or DVDs.

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.

Battery

- 8-12 Hours & more
- Fast Recharge
- Require power brick

Webcams

The quality of webcams that come built into Chromebooks varies widely. Many early models and some low-end models have very low-quality cameras with very low resolutions. If you plan on using your Chromebook for making video calls, taking pictures, or recording video, you should search for a Chromebook with at least 720p HD or 1280x720 resolution.

Cooling - Fan or No Fan

Fan vs Fanless

Keyboards

Chromebook keyboards similar to regular notebook keyboards

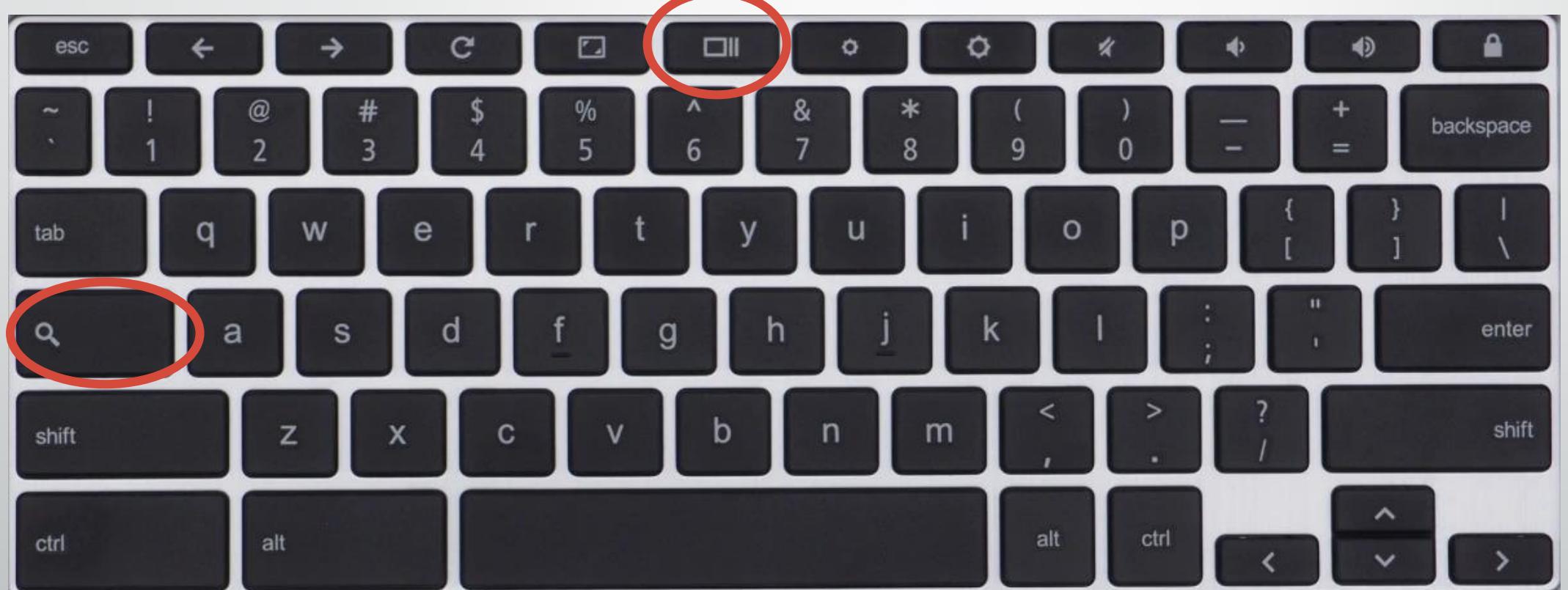
Chromebooks don't have a "Caps Lock" key. In the place of caps lock, you'll find a "search" button that will bring up the main search menu and app launcher in Chrome OS

Keyboards 2

No traditional “F” or “Function” keys at the top of the keyboard. Instead, you’ll find dedicated buttons for things like speaker volume and screen brightness along with several unique keys specific to Chrome OS.

Backlit Keyboards

Apple has really popularized the backlit keyboard with their Macbook computers, and you can even find some Chromebooks with backlit keyboards.



External Monitors and Projectors

If you want to connect your Chromebook to an external monitor or use it to give a presentation with a projector, you can use the built-in HDMI port. Nearly all Chromebooks come with HDMI ports, but a few have Display Port or USB-C ports that require an HDMI adapter. You can also purchase HDMI to VGA connectors if you need to connect to an older projector.

USB

- USB 2.0 ports
- USB 3.0 ports
- USB-C connectors; these are a more modern type of USB which provide multiple functions such as power charging and external display support.

WHAT I FOUND

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: ⓘ

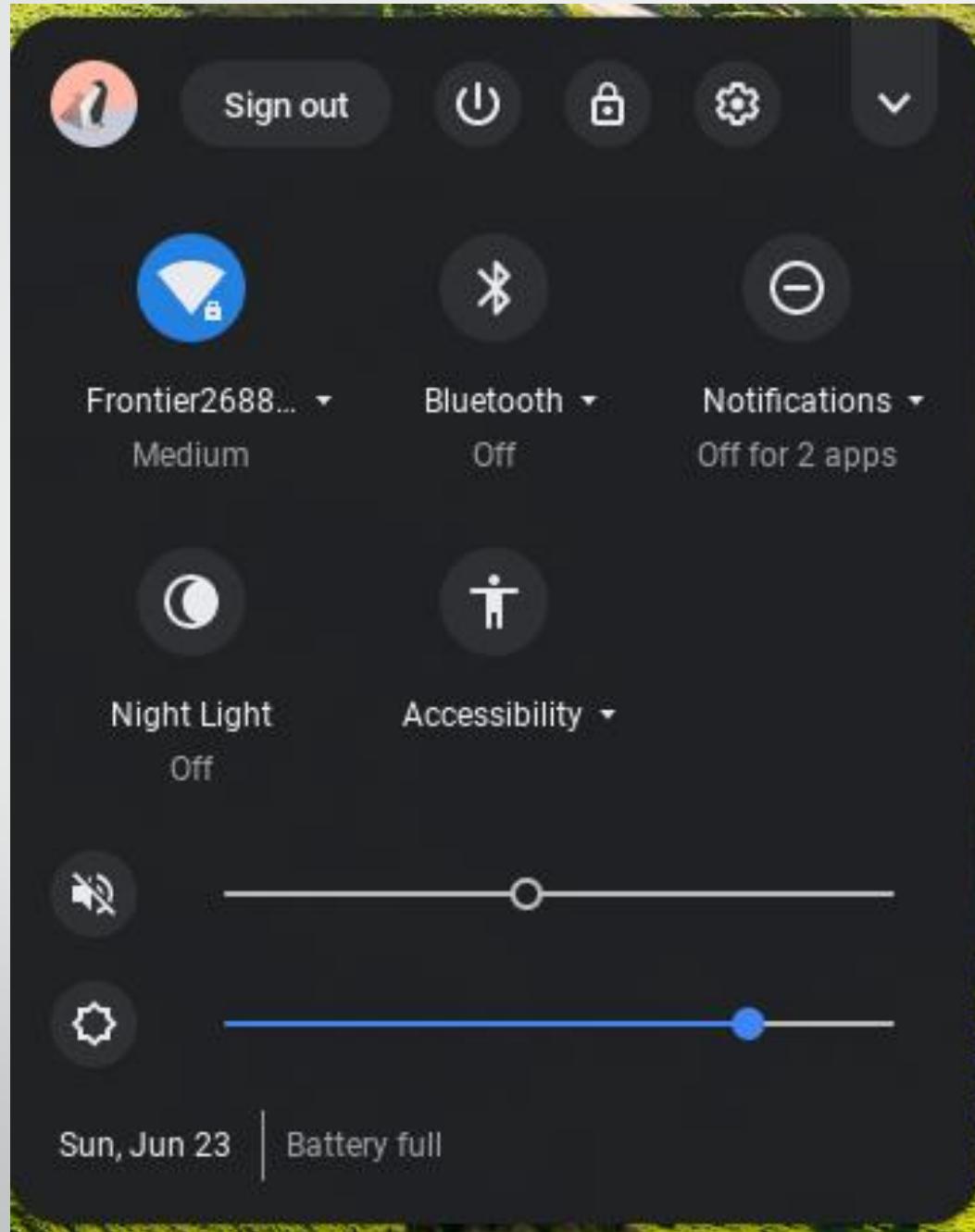
14"

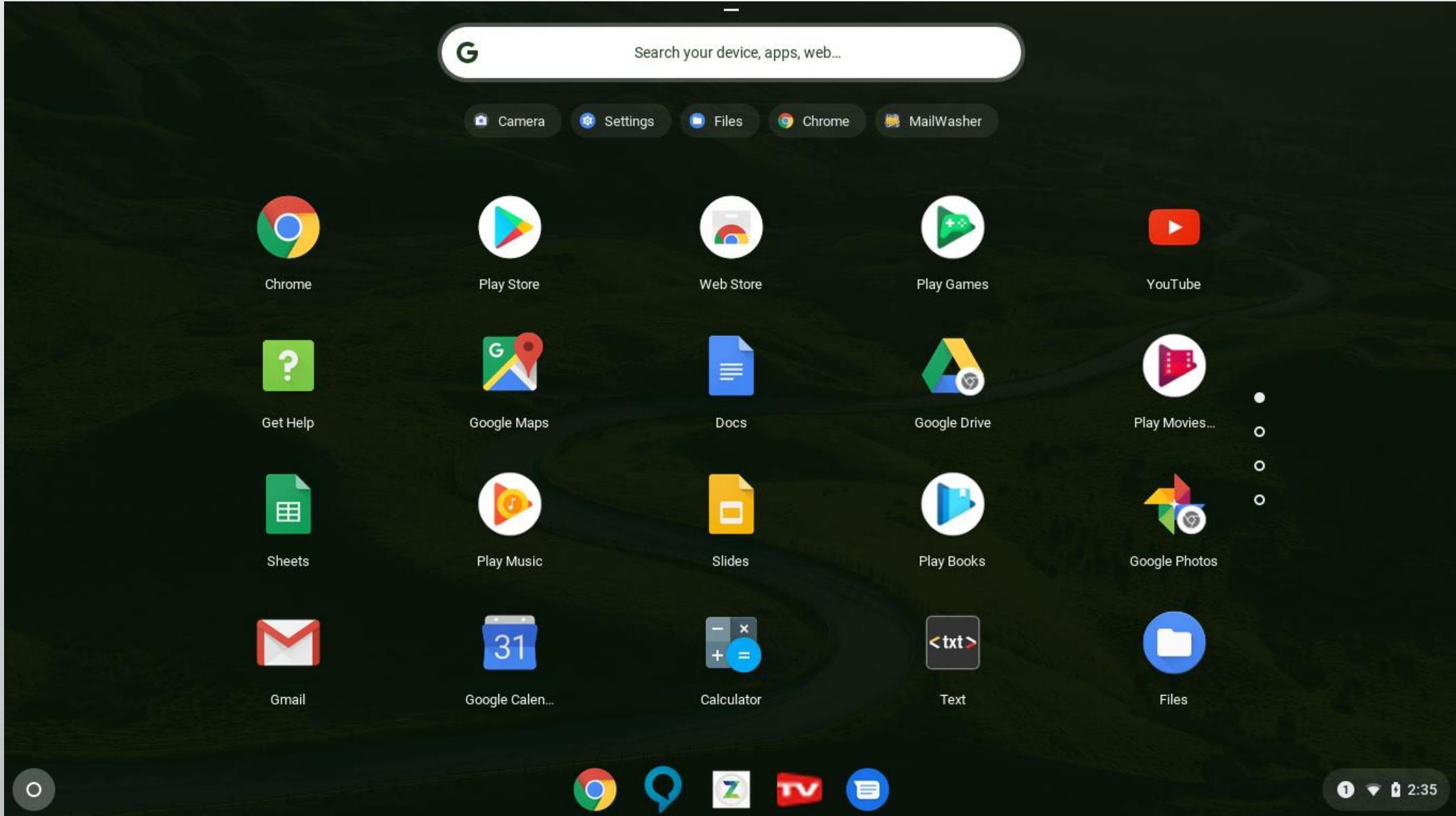


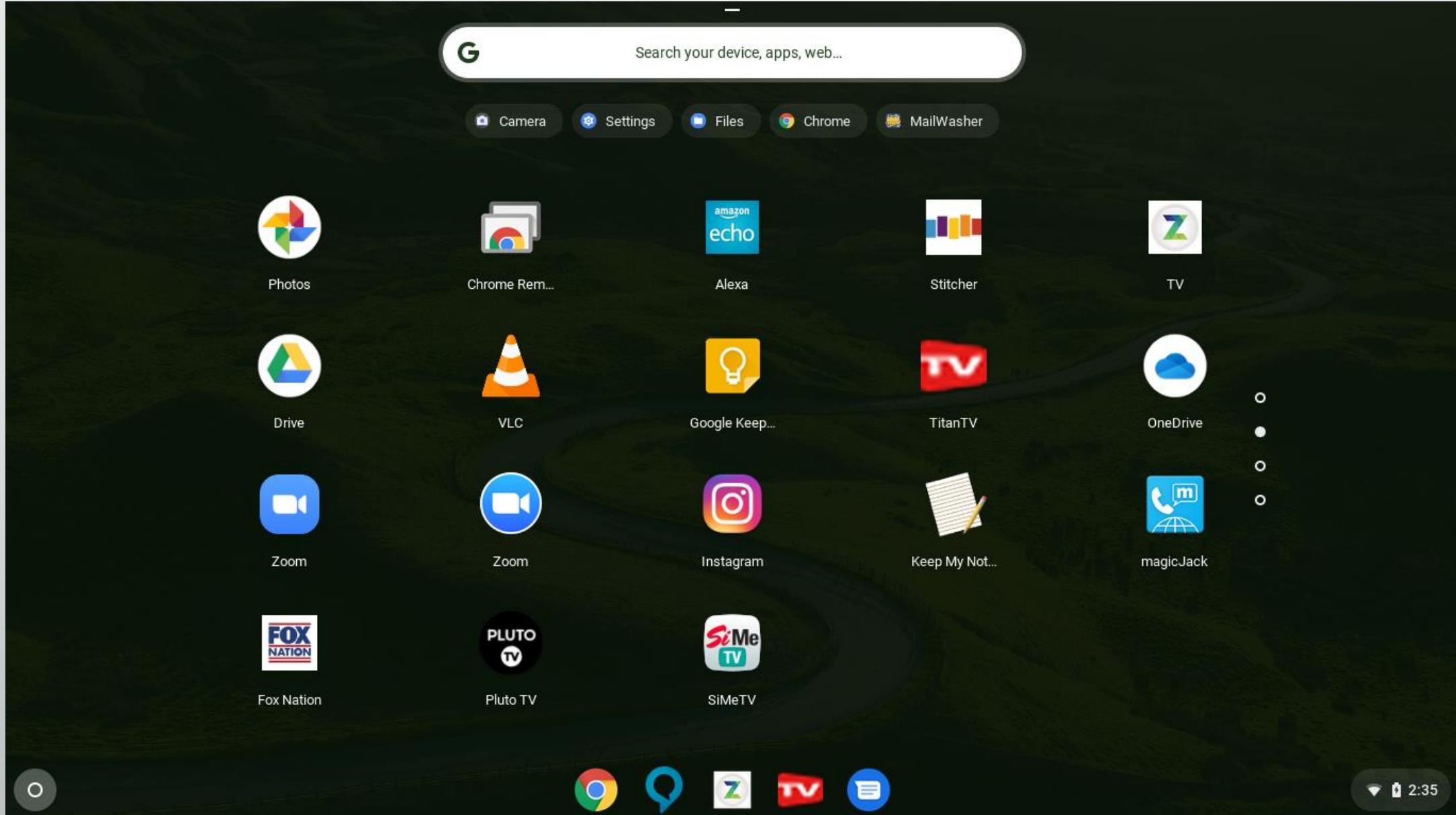
1 2:33



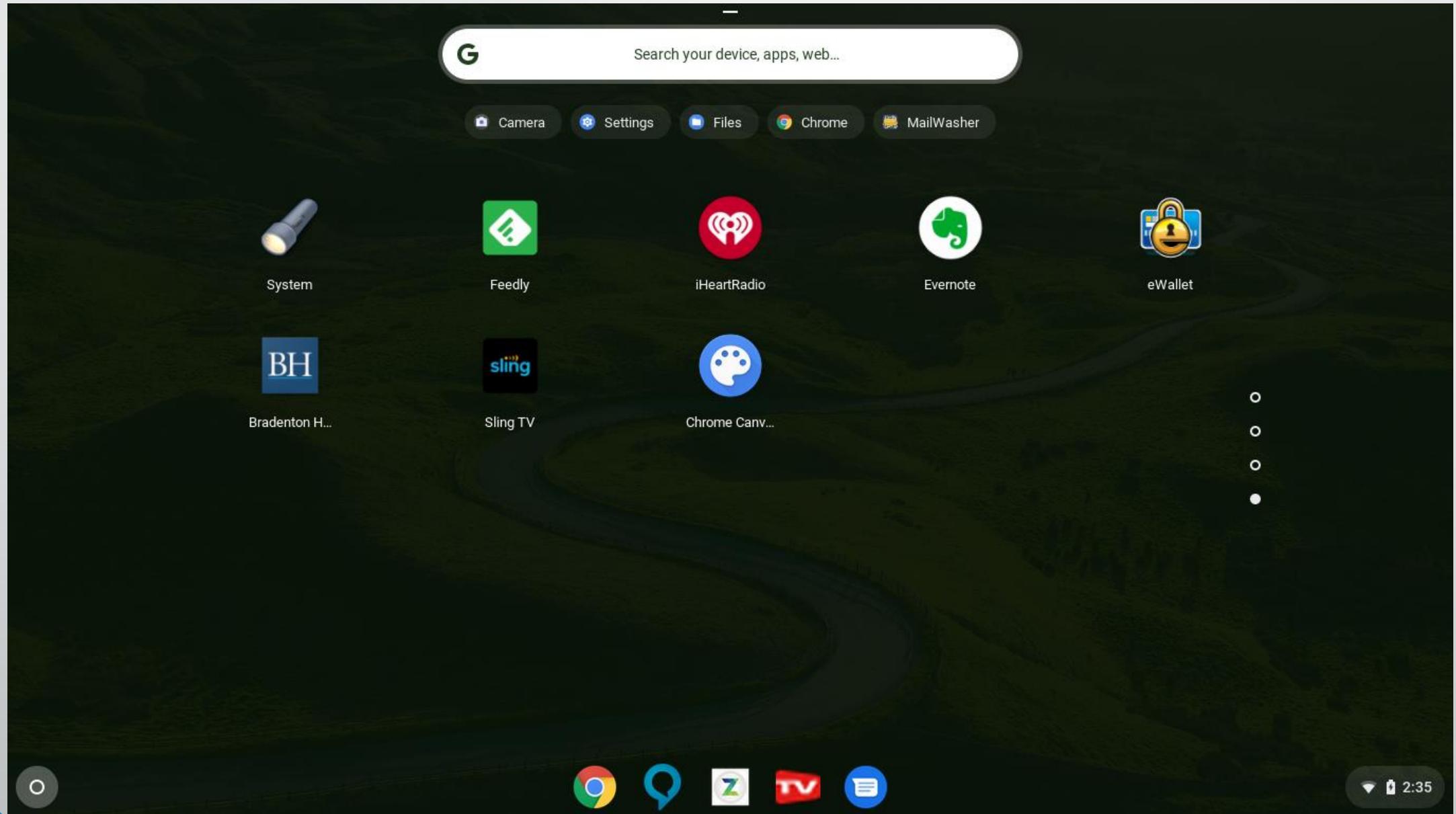












GOOGLE DOCS

The screenshot shows the Google Docs web interface. At the top, there's a navigation bar with links to Facebook, Google, Hewie.net, CB Help, CB Forum, CB Guide, MS Office, People, Hewienet Mail, ADrive, Hootsuite, and a placeholder for 'Lorem ipsum'. Below the bar, the main header says "Google Docs" with a search field. On the left, there's a sidebar with a "Start a new document" section featuring a large blue plus sign button and several document templates: "Blank", "Letter Spearmint", "Resume Serif", "Resume Coral", "Project proposal Topic", and "Brochure Geometric". To the right of this is the "TEMPLATE GALLERY" section. Further down, the "Recent documents" section lists three documents: "test fo db" (opened April 18, 2017), "This is a sample page" (opened March 22, 2017), and "12 Things You Should Do ..." (opened March 22, 2017). The bottom right of the interface includes sorting and filtering options like "Owned by anyone", "AZ", and a folder icon.

Microsoft Office Home x + ← → C 🔒 https://www.office.com/?auth=1

Facebook Google Hewie.net Google STUG Grp MS Office People HewieNet Mail Hootsuite CB-SIG Feedly CleverPDF CB Help Other bookmarks

Office ? CK

Good afternoon

Apps

Outlook OneDrive Word Excel PowerPoint OneNote Skype Calendar People Sway Forms

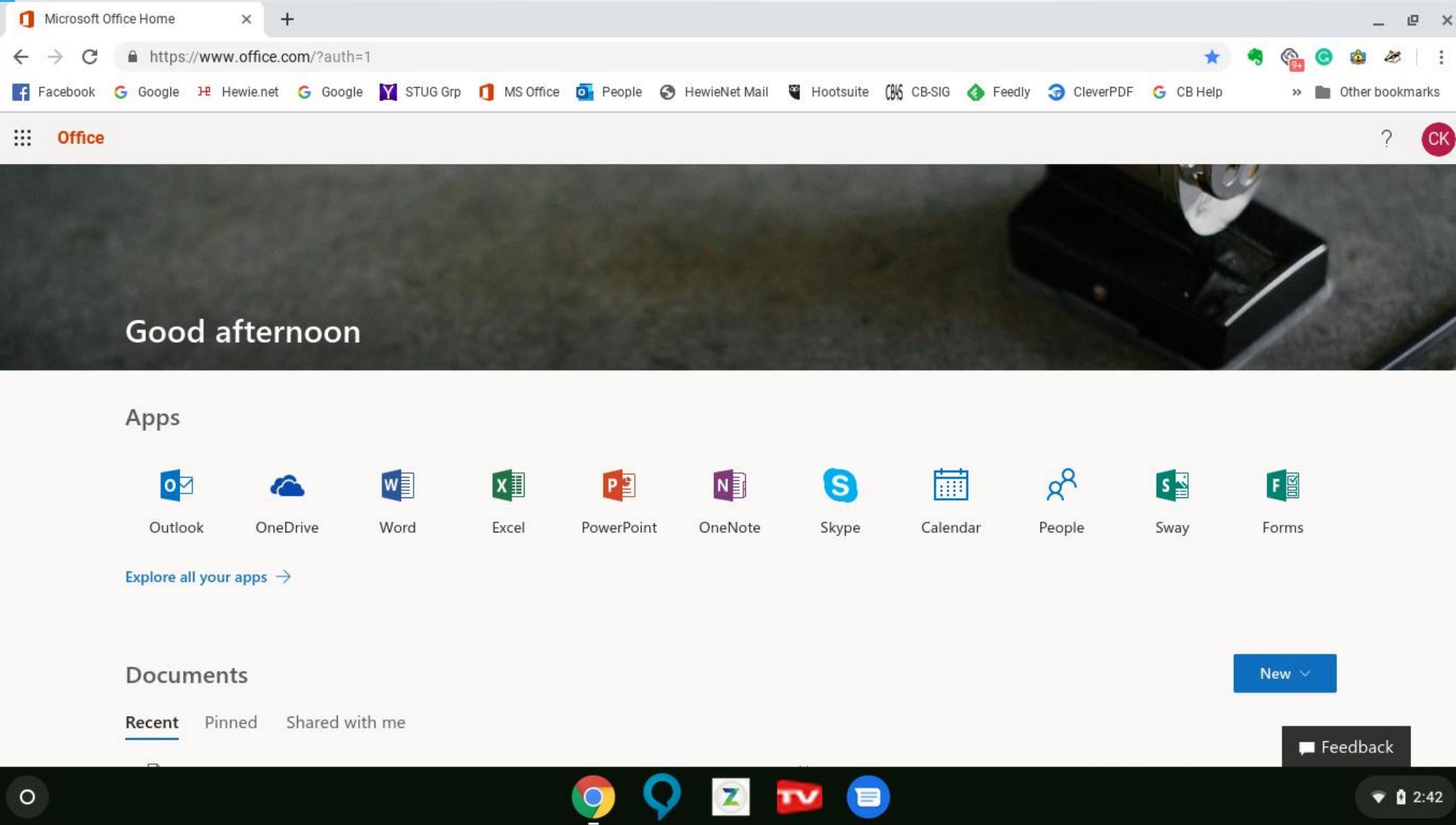
Explore all your apps →

Documents New ▾

Recent Pinned Shared with me

Feedback

○  2:42



APPS & GAMES

MOVIES, MUSIC, BOOKS



TOP CHARTS

GAMES

CATEGORIES

FAMILY

EDITORS' CHOICE

EARLY ACCESS

Recommended for You



Solitaire

4.7 ★ FREE

Popular with similar users



Mahjong Tit...

4.6 ★ FREE

Popular with similar users



Solitaire

4.3 ★ FREE

Popular with similar users



Snap Attack..

4.3 ★ FREE

Popular with similar users



250+ Solitair..

4.4 ★ FREE

Popular with similar users



Solitaire

4.4 ★ FREE

Popular with similar users



Solita

4.7 ★

MORE

The screenshot shows the Microsoft Store interface. At the top left is a user profile for "Hewie Poplock" with the email "pophewie@gmail.com". A circular icon with a large letter "H" is displayed. At the top right are standard window control buttons (minimize, maximize, close). Below the profile is a search bar containing the text "PPS & GAMES MOVIES, MUSIC, BOOKS".

Apps & games

- My apps & games
- Movies, Music, Books
- Movies & TV
- Music
- Books
- Newsstand

Account

Redeem

Wishlist

Settings

PPS & GAMES **MOVIES, MUSIC, BOOKS**

CATEGORIES **FAMILY** **EDITORS' CHOICE** **EARLY ACCESS**

Solitaire **Snap Attack..** **250+ Solitair..** **Solitaire** **Solita..**

FREE **FREE** **FREE** **FREE** **FREE**

4.3★ 4.3★ 4.4★ 4.4★ 4.7★

Popular with similar users Popular with similar users Popular with similar users Popular with similar users

UPDATES

≡ My apps & games

UPDATES INSTALLED LIBRARY

No updates available

Recently updated (5)

-  PhotoDirector Photo Editor App
Updated 8 hr. ago OPEN
-  Google TalkBack
Updated Yesterday OPEN
-  Dropbox
Updated Yesterday OPEN
-  Tuneln Radio - Radio & Music
Updated Yesterday OPEN
-  iHeartRadio Free Music & Radio
Updated Yesterday OPEN

INSTALLED

≡ My apps & games SEARCH

UPDATES INSTALLED LIBRARY

On this device (27) Alphabetical

 Lima Used 9 hr. ago	OPEN
 Amazon Alexa Used 32 min. ago	OPEN
 Android System WebView	OPEN
 BHN WiFi Finder Used 3 wk. ago	OPEN
 Cloud Print	OPEN
 Contacts	OPEN
 Dropbox Used Yesterday	OPEN
 Evernote - stay organized.	OPEN

LIBRARY

≡ My apps & games



UPDATES

INSTALLED

LIBRARY

Not on this device
pophewie@gmail.com



Google Voice

Not installed

INSTALL



PHONE for Google Voice & GTalk

Not installed

INSTALL



Pixlr - Free Photo Editor

Not installed

INSTALL



Clipper - Clipboard Manager

Not installed

INSTALL



CHROMEBOOK HELP

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

GOOGLE DRIVE

My Drive

- Google Drive
 - My Drive
 - Shared with me
- Recent
- Offline
- Downloads
- Carmela Photos.zip
- Images
- Videos
- Audio
- Add new services

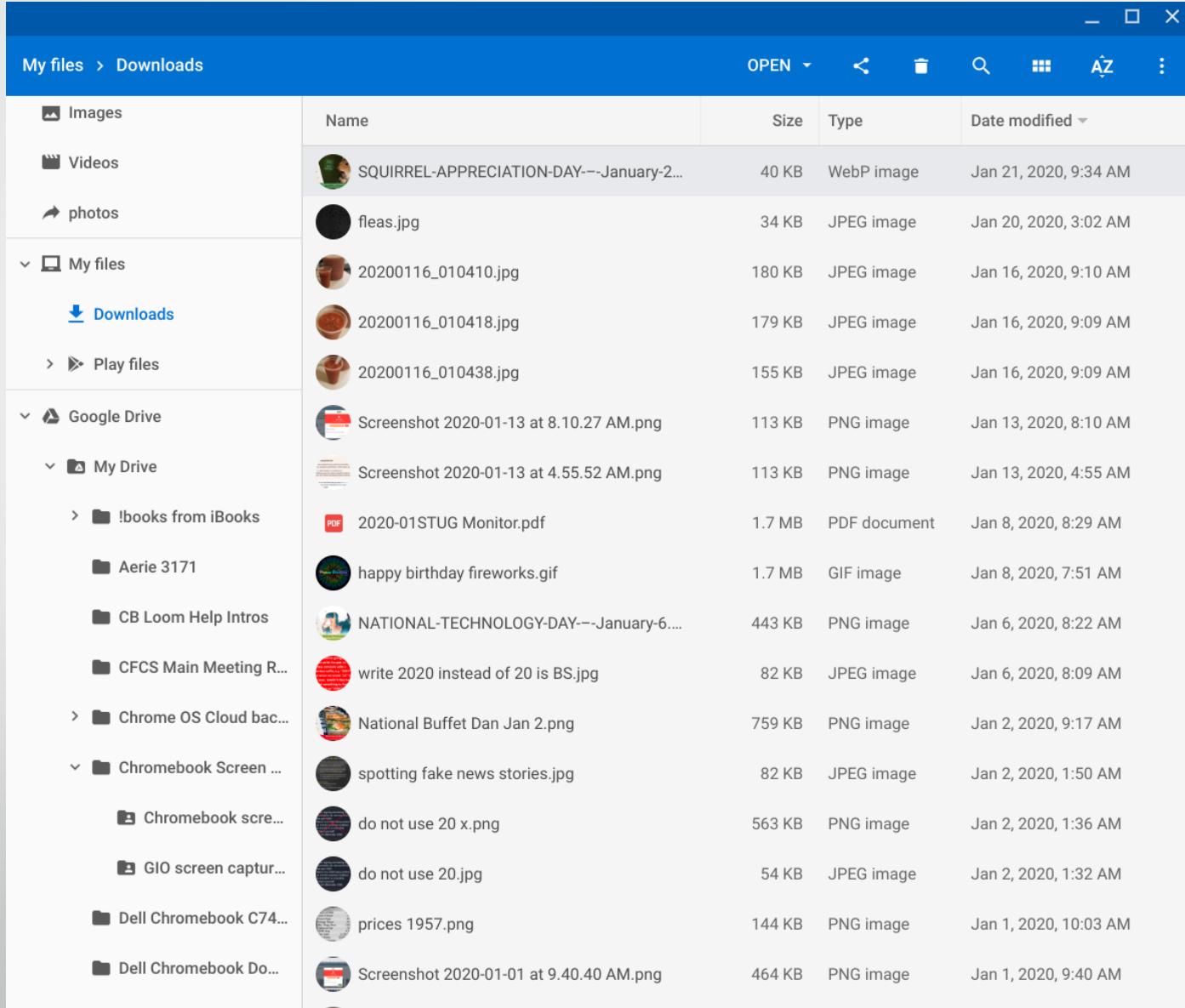
Welcome to Google Drive!

All files saved in this folder are backed up online automatically

[Learn more](#)

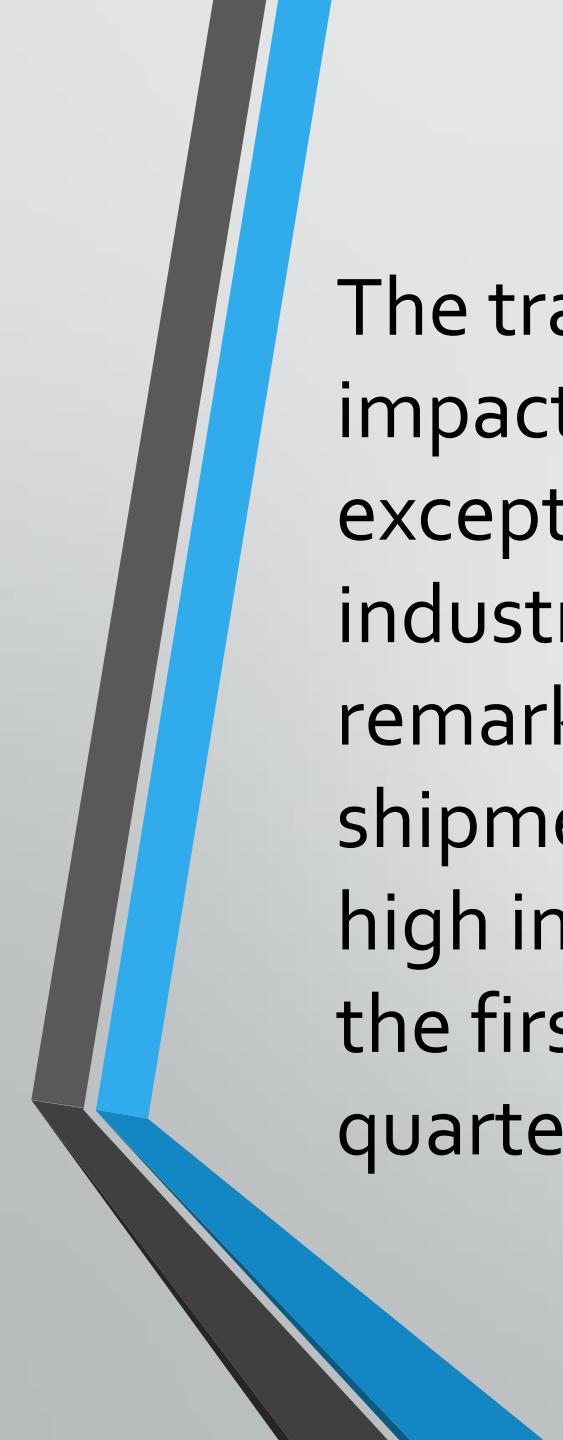
Name	Size	Type	Date modified
photos	--	Folder	Apr 7, 2017, 2:53 PM
My Wallet.wlt	666 KB	WLT file	Apr 19, 2017, 8:47 AM
My Wallet2017_04_18.wlt	666 KB	WLT file	Apr 19, 2017, 8:46 AM
test foe db.gdoc	--	Google document	Apr 18, 2017, 6:17 PM
Carmela01	115 KB	JPEG image	Apr 5, 2017, 8:23 AM
Carmela 0	115 KB	JPEG image	Apr 5, 2017, 8:20 AM
Chromebook poster.png	38 KB	PNG image	Apr 1, 2017, 10:35 AM
12 Things You Should Do Before Installing Window...	--	Google document	Mar 22, 2017, 11:03 AM
Untitled map.gmaps	--	Google map	Mar 20, 2017, 2:24 PM

LOCAL FILES & DOWNLOADS



A screenshot of a file explorer window titled "My files > Downloads". The window shows a list of files with columns for Name, Size, Type, and Date modified. The files are organized into categories on the left, including Images, Videos, photos, My files (with sub-folders for Downloads and Play files), Google Drive (with sub-folders for My Drive, !books from iBooks, Aerie 3171, CB Loom Help Intros, CFCS Main Meeting R..., Chrome OS Cloud bac..., Chromebook Screen ..., Chromebook scre..., GIO screen captur..., Dell Chromebook C74..., and Dell Chromebook Do...), and a folder for Screenshots.

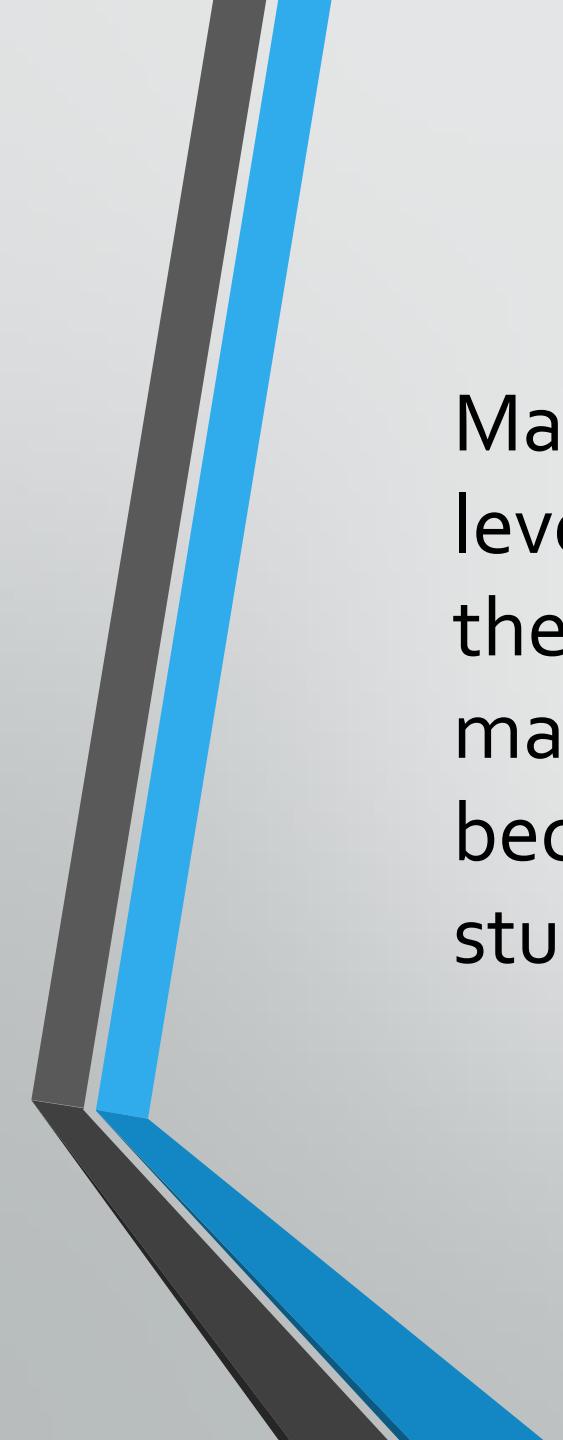
	Name	Size	Type	Date modified
	SQUIRREL-APPRECIATION-DAY---January-2...	40 KB	WebP image	Jan 21, 2020, 9:34 AM
	fleas.jpg	34 KB	JPEG image	Jan 20, 2020, 3:02 AM
	20200116_010410.jpg	180 KB	JPEG image	Jan 16, 2020, 9:10 AM
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	20200116_010438.jpg	155 KB	JPEG image	Jan 16, 2020, 9:09 AM
	Screenshot 2020-01-13 at 8.10.27 AM.png	113 KB	PNG image	Jan 13, 2020, 8:10 AM
	Screenshot 2020-01-13 at 4.55.52 AM.png	113 KB	PNG image	Jan 13, 2020, 4:55 AM
	2020-01STUG Monitor.pdf	1.7 MB	PDF document	Jan 8, 2020, 8:29 AM
	happy birthday fireworks.gif	1.7 MB	GIF image	Jan 8, 2020, 7:51 AM
	NATIONAL-TECHNOLOGY-DAY---January-6....	443 KB	PNG image	Jan 6, 2020, 8:22 AM
	write 2020 instead of 20 is BS.jpg	82 KB	JPEG image	Jan 6, 2020, 8:09 AM
	National Buffet Dan Jan 2.png	759 KB	PNG image	Jan 2, 2020, 9:17 AM
	spotting fake news stories.jpg	82 KB	JPEG image	Jan 2, 2020, 1:50 AM
	do not use 20 x.png	563 KB	PNG image	Jan 2, 2020, 1:36 AM
	do not use 20.jpg	54 KB	JPEG image	Jan 2, 2020, 1:32 AM
	prices 1957.png	144 KB	PNG image	Jan 1, 2020, 10:03 AM
	Screenshot 2020-01-01 at 9.40.40 AM.png	464 KB	PNG image	Jan 1, 2020, 9:40 AM



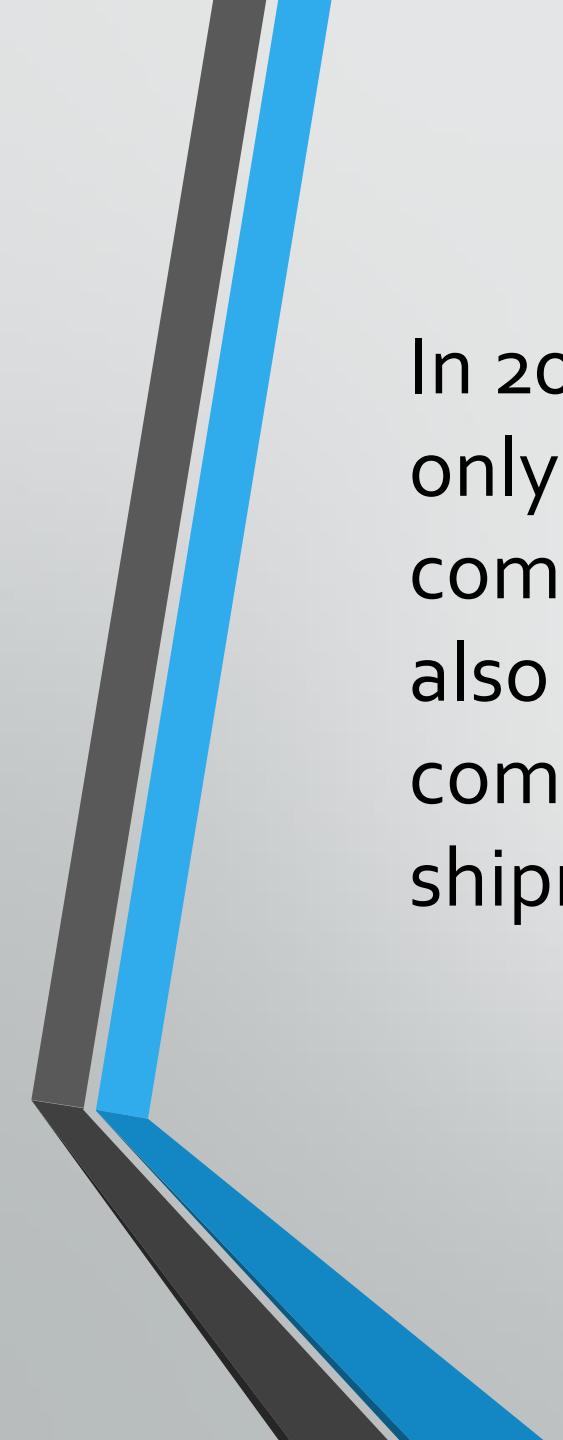
The transformation of both work and education by the impact of the COVID-19 pandemic has brought about exceptional shipment numbers for the notebook computer industry in 2Q20, with Chromebooks showing the most remarkable growth. TrendForce forecasts global Chromebook shipment in 2Q20 to reach up to 11.6 million units, a historical high in single-quarter shipment. Furthermore, 2Q20 marks the first time ever for Chromebooks to occupy 25% of total quarterly notebook shipment.



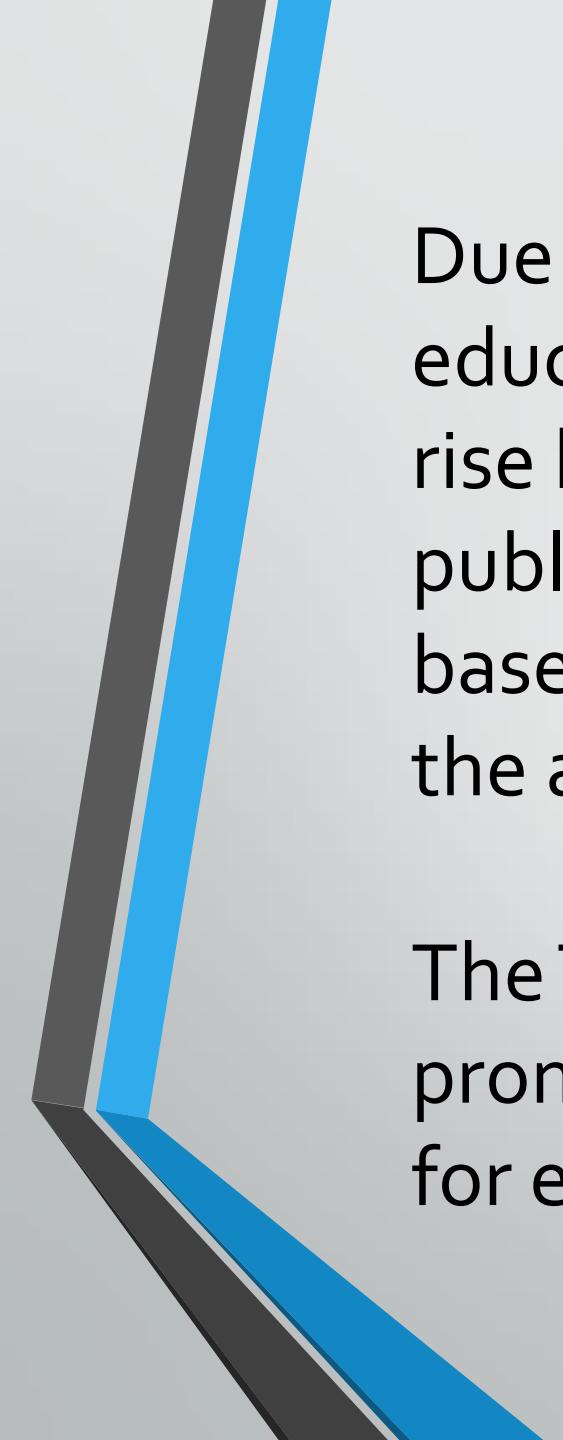
The explosive growth of Chromebooks
was caused by the following factors:



Many countries have turned to distance learning at all levels of the education system due to the pandemic. As the education market has always been the primary market for Chromebooks, Chromebooks have now become the hardware purchase of choice for the student population in North America and Europe.



In 2020, the Chromebook market is projected to not only see YoY (Year over Year) shipment growth of 17% compared to last year's shipment of 17 million units, but also possess increased market share of 12.8%, compared to 10.5% in 2019, setting record highs in both shipment and market shares.



Due to COVID-19 related school closures, global education sector orders of Google's Chromebooks will rise by 32.3 percent year-on-year, reports DigiTimes. The publication notes Europe, Japan, and the United States-based K-12 learning institutions are driving shipments of the affordable personal computers.

The Taiwanese site estimates coronavirus pandemic prompted school Chromebook shipments will top orders for educational Windows laptops this year.

Global PC shipments surge as coronavirus fuels drive into Chromebooks

Published: July 9, 2020 at 5:17 p.m. ET

By Wallace Witkowski

Chromebooks account for 10% of units as PC shipments surge

Q2 2020: Chromebooks to set record by occupying 25% of notebook computer shipments for first time



AMEinfo Staff

May 08, 2020

#LAPTOPS #REMOTE WORKING #PC SALES #COVID-19 #DISTANCE LEARNING #TRENDFORCE #CHROMEBOOKS
#Q2 2020



The transformation of both work and education by the impact of the COVID-19 pandemic has brought about exceptional shipment numbers for the notebook computer industry in 2Q20, with Chromebooks showing the most remarkable growth.

- TrendForce forecasts global Chromebook shipment in 2Q20 to reach up to 11.6 million units

Report: Global K-12 Chromebook shipments to rise by 32 percent due to COVID-19

By Mario McKellop - June 11, 2020

434 0

SCHOOL DISTRICT	STATE	ENROLLMENT ▼	DEVICES ORDERED	ORDER PLACED	STATUS
Clark County	Nevada	327,000	79,400	July/August	Delayed, expected by end of September
Houston ISD	Texas	216,100	40,000 devices, 34,000 hotspots	Spring 2020	Partially delayed, expected August/September/October
Palm Beach	Florida	192,800	68,000	Summer 2020	Delayed, expected in August
Hawaii Department of Education	Hawaii	181,600	34,000	May/June/July	Partially delayed, expected through October
Gwinnett County Public Schools	Georgia	178,0...	17,000 hotspots, 9,500 Chromebooks	Numerous orders, earliest in March 2020	Delayed, expected mid-August through October

Source: AP survey of school districts

AP

Register for Learning Chromebooks

(Click this link)



Hi, I'm Ron, a Technologist
from Comox, British
Columbia on Vancouver
Island

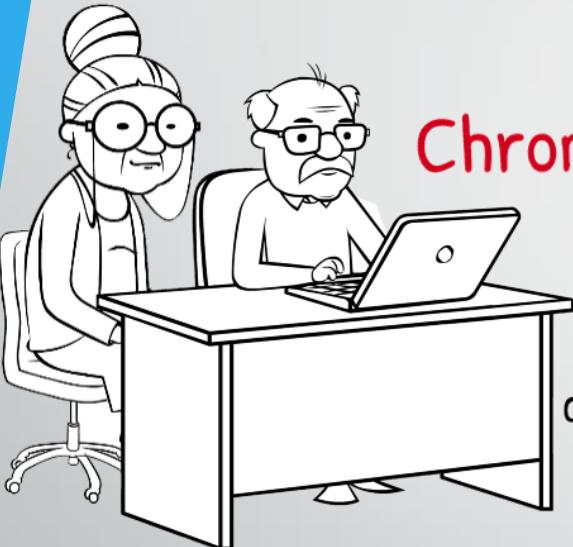
Contact Info: admin@techforsenior.com

Tech for Seniors
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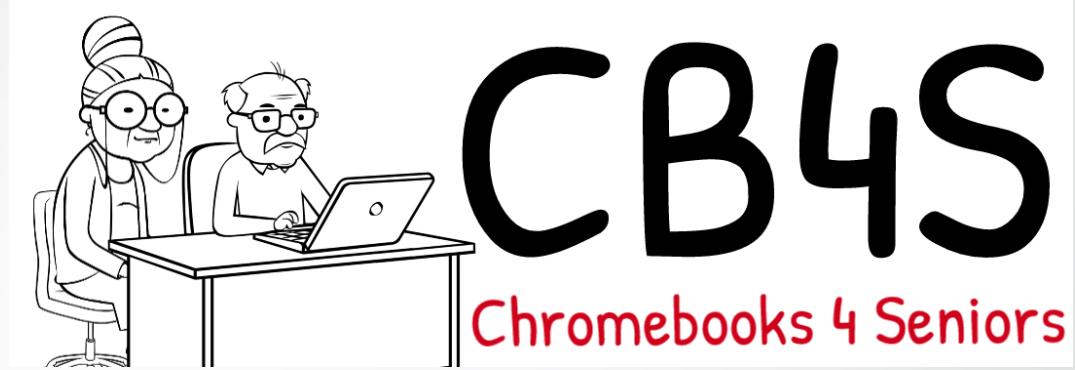
<https://www.techforsenior.com/>

Topic	Learning Chromebooks
Description	This is a group that meets monthly to learn about Chromebooks. There will be information and help for those new to Chromebooks as well as those experienced with them.
Time	Sep 17, 2020 02:00 PM
	Oct 15, 2020 02:00 PM
	Nov 19, 2020 02:00 PM
	Dec 17, 2020 02:00 PM
	Jan 21, 2021 02:00 PM
	Feb 18, 2021 02:00 PM
	Time shows in Eastern Time (US and Canada)



Chromebooks 4 Seniors

The remedy for the
aches & pains of computing

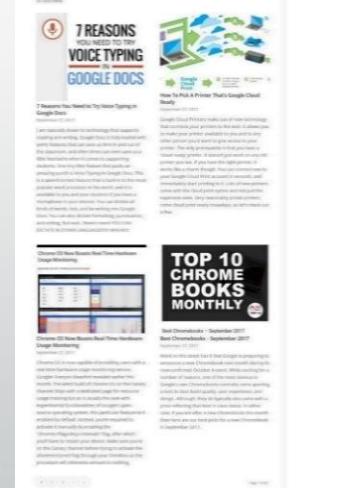


cb4s.net

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The Remedy for the Aches & Pains of Computing

WHAT IS A CHROMEBOOK? WHY IS IT THE PERFECT COMPUTER FOR PARENTS & GRANDPARENTS?

Simple and secure, the Chromebook makes getting things done in and out of the classroom, at work, or at home quick, easy, and affordable. Chromebooks were introduced in June 2011. In just a short time they now comprise 58% of the computers used in K-12 school classrooms. For the parent or grandparent, this relatively inexpensive computer is far easier to use than a full-featured Windows or Mac computer would be.

They're effectively impervious to viruses. They can use Voice commands: You can say "OK, Google" from the launcher to invoke Google's voice-powered assistant. There is 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. The most recent Chromebooks can use Google Play to install almost all Android Apps that are available for phones and tablets.



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