

Selecting the right Chromebook for your school, staff and students



This document walks you through four steps to help you choose the right Chromebook:

1

Identify the primary use case, or how the device will be used.

2

Map out the device specifications required for these use cases.

3

Make recommendations for devices that meet these needs.

4

Compare across the device ecosystem and find the right device.

Last Updated: January 2023

Next Update: June 2023

NOTE: Placement of devices within use case categories will be evaluated & updated bi-annually. Some configurations may only be available in select markets. Please contact your Channel or OEM representative regarding the availability of specific devices and configurations.

Finding the right Chromebook | Device Categories



Learning Anywhere

Classroom and distance learning devices

Supports multiple browser tabs, Google Workspace, **concurrently** with video conferencing with 49+ participants

Recommended software/apps

[Google Workspace for Education](#)

Google [Meet/Classroom](#)

[Zoom](#)

Minimum system requirements

RAM: 4GB

CPU:

- **Intel:** 4500 /5000 /5100/6000/ N100 / N200 / U300
- **AMD:** 3015Ce / Athlon Silver / Athlon Gold
- **MTK:** 8183, 8192, 8192T, 8186, 8186T, 8195
- **QC:** 7c+ Gen 1,2,3



Advanced Use

Teachers, staff, higher education, high school devices

Recommended for heavy workloads including content creation/editing, coding, running apps in virtualized environments. Supports heavy multitasking (large video calls with 49+ participants, multiple browser tabs, Google Workspace, external monitors/displays)

Recommended software/apps

VC/Comms: Google [Meet/Classroom](#), [Zoom](#), Cisco Webex, RingCentral, Slack and [more](#)

VDI: Itopia, Citrix, VMware, Parallels

Coding: Linux

Print: Papercut, Canon, HP Print, PrinterLogic, Ricoh

Productivity: [Google Workspace for Education](#)

Minimum system requirements

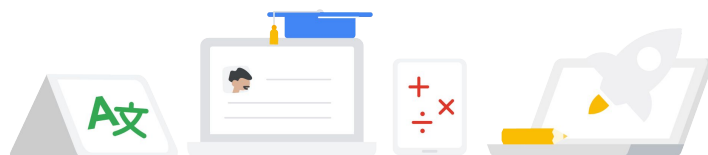
RAM: 8GB

CPU:

- **Intel:** Fan - i3 N305, i3, i5, i7, Fanless - i5*, i7
- **AMD:** Ryzen 3, 5, 7
- **MTK:** MT8195T

*Fanless i3 devices can support select use cases such as VDI

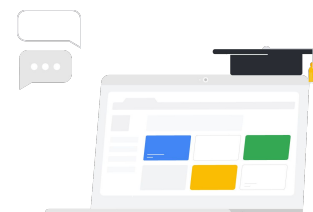
Devices marked for Advanced Use will be able to handle all the listed workloads in the Learning Anywhere segment. However, Learning Anywhere devices may not be able to optimally support Advanced Use workloads.



Finding the right Chromebook | User Profile & Features

The below table maps the education wayfinding segments to user profiles. Also listed are the form factors and features that would provide an ideal experience for each user profile. These are not requirements but recommendations.

In the following pages you can find a list of devices organized by manufacturer. This info can help you find the right device with the specs required to suit the users' needs.



Learning Anywhere

Intro to digital collaboration

Advanced Use

Powerful computing for heavy workloads

Grade 1-8

10-12" Touch-enabled Clamshell, Tablets (Detachable), Ruggedized

Grade 6-12

11-15" Touch-enabled Clamshell, Convertibles, Light and Ruggedized
Preferred Features: Garaged stylus, Dual cameras, 16:10 or 3:2
Recommended SKUs: 8GB RAM, 64GB+ Storage

Teachers/Staff/Higher Education

13-16" Convertibles, Thin & Light
Preferred Features: Garaged stylus, Fingerprint sensor, FHD+ Display, 1080p+ camera
Min. SKUs: 8GB RAM, 128GB+ Storage

User Profiles



AUE: Auto update expiration

You can find information about Auto update expiration for your devices [here](#).



Connected devices

Devices with WiFi 6/LTE/5G SKUs have been color coded on the following pages.



Zero-touch enrollment

For the most updated list of devices enabled for zero-touch enrollment, reference [here](#).



Supported peripherals

[Works With Chromebook](#) is peripherals certification program ensuring compatibility across all makes of Chromebook devices. Categories include headsets, webcams, mics, external storage and more.



Virtualization

ChromeOS partners with desktop and app virtualization solutions that expand what you can do on Chromebooks. Check out their sites to learn more: [Itopia](#), [Parallels](#), [Cameyo](#).

Finding the right Chromebook | Device Highlights

Learning Anywhere

Purpose-built education devices for introductory digital creation



Acer Chromebook Spin 512

Garaged Stylus

Convertible

LTE

12"



ASUS Chromebook CR11 Flip (CR1102F)

Stylus Compatible

Convertible

WIFI 6

11.6"



Dell Chromebook 3110 2-in-1

Convertible

LTE/eSIM

11.6" HD



HP Fortis 14" G10 Chromebook

LTE/eSIM

14" up to FHD



Lenovo 500e Gen4

Stylus Compatible

Convertible

LTE

12.2"



Samsung Galaxy Chromebook 2 360

Stylus Compatible

Convertible

LTE

12.4"

Advanced Use

Powerful, high performance devices recommended for teachers, staff and advanced students



Acer Chromebook Enterprise 714

Garaged Stylus

Convertible

Fingerprint Sensor

14" FHD



Asus Chromebook Flip CX5 (CX5601)

Stylus Compatible

Convertible

WIFI 6E

16" FHD



Dell Latitude 5430 Chromebook

Stylus Compatible

Convertible

LTE

12.4"



HP Elite Dragonfly 13.5" Chromebook

Magnetic Stylus

Convertible

5G/LTE

13.5" up to QHD



Lenovo Flex 5i Chromebook

Stylus Compatible

Convertible

Fingerprint Sensor

14" FHD



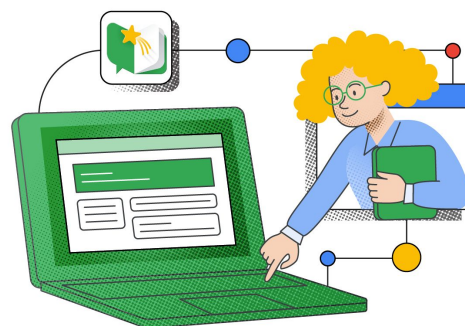
Samsung Galaxy Chromebook 2

Stylus Compatible

Convertible

13.3" QLED

Expand educational possibilities with the Screencast app and cast moderator



Screencast

Easily record, share, and view transcribed videos with the **Screencast app** built into ChromeOS*, and create a library of recorded lessons students can watch from home.

- Record and narrate lessons, even enhance them while recording by trimming text or adding handwritten notes with a touchscreen or [stylus](#)
- Automatically save recorded lessons to Google Drive – even create a link for anyone in your school's domain for easy and secure shareability
- Flip the traditional classroom model by recording a lesson ahead of time and assigning it to students as homework
- Provide a more inclusive learning experience with automatic translation of recorded transcripts into other languages

Cast Moderator

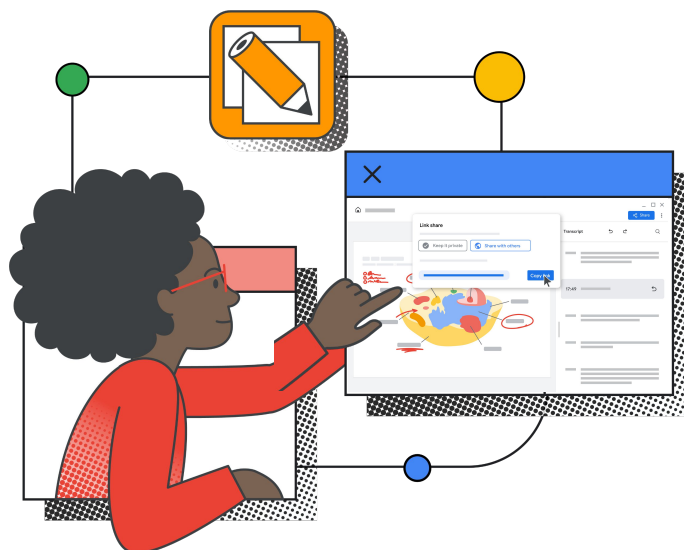
Inspire students to share their ideas on the big screen – while always staying in control of who's casting in your classroom – with **cast moderator**.

- Keep class on track by controlling who's casting and quickly turn off a cast with the click of a remote - not to mention wirelessly for classroom flexibility.
- Enable classes to securely cast with a 6-digit access code that refreshes each time a cast begins and for educator's cast receiver saves the code automatically to limit the times they need to enter the casting code.
- Encourage students to share ideas by inviting them to cast to show how they solved an algebra problem or present a report right from their Chromebook

Better together

Screencast app and **cast moderator** work together seamlessly to let educators and students wirelessly share their screens right from their Chromebooks – with robust moderation features for educators. Control who's presenting to the big screen and turn off screencasting with the click of a button.

As you control the classroom casting experience, you can record, narrate, and transcribe your lessons, even draw or write on your screen as you record using a touchscreen or stylus to diagram or highlight key concepts.



*Available with ChromeOS M108 higher



[Learn more about Screencast and cast moderator](#)

Learning Anywhere

CB 712 (C871/C871T) [CM5205/ PMD6405U, 4GB] Clamshell, 12" touchscreen (optional)			
CB 311 (C722/T) [MTK8183, 4GB] Clamshell, 11" touchscreen (optional)			
CB 314 (C934/C934T) [4500/5100/PQCN6000, 4/8GB] Clamshell, 14" touchscreen (optional)			
CB 314 (C922) [MT8183, 4GB] Clamshell, 14" screen			
CB 511 (C741/L/LT) [SC7180/7c, 4/8GB] Clamshell, 11" touchscreen (optional)			
CB 512 (C852/C852T) [N4500/5100], 4/8GB] Clamshell, 12" touchscreen (optional)			
CB 511 (C734, C734T) [N4500/5100, 4/8GB] Clamshell, 11" touchscreen (optional)			
CB 511 (C736/T/L/LT-TCO/T-TCO/L-TCO/LT-TCO) [N100/200, 4/8GB] Clamshell, 11" touchscreen (optional)			
CB Spin 511 (R753T/TN) [N4500/5100, 4/8GB] Convertible, 11" touchscreen			G
CB Spin 511 (R756T/TN/T-TCO/TN-TCO) [N100/200, 4/8GB] Convertible, 11" touchscreen			G
CB Spin 512 (R853TA/TNA) [N4500/5100/PQCN6000, 4/8GB] Convertible, 12" touchscreen			G
CB Spin 512 (R856T/TN/T-TCO/TN-TCO) [N100/200, 4/8GB] Convertible, 12" touchscreen			G
CB Spin 513 (R841T/LT) [SC7180, 4/8GB] Convertible, 13" touchscreen			
CB Spin 311 (R722T) [MT 8183, 4GB] Convertible, 11" touchscreen			
CB Spin 314 [N4500,5100,6000, 4/8GB] Convertible, 14" touchscreen			
CB Tab 510 [Qualcomm, 4GB] Tablet, 10" touchscreen			
CB Vero 712 (CV872/CV872T) [CM7305/PMD8505, 4/8GB] Clamshell, 12" touchscreen (optional)			

Advanced Use

CB 712 (C871/T) [i3, 8GB] Clamshell, 12" touchscreen (optional)			
CB Spin 713 (CP713-2W/-3W) [i3/i5/i7, 8/16GB] Convertible, 13" touchscreen			G
CB Spin 514 (CP514-1W/-1WH) [R3/5/7, 8/16GB] Convertible, 14" touchscreen			
CB Spin 514 (CP514-3WH) [R3/R5/R7, 8/16GB] Convertible, 14" touchscreen			
CB Spin 714 (CP714-1WN) [i3/i5/i7, 8/16GB] Convertible, 14" touchscreen			G
Chromebox CX14 [i3/i5/i7, 8/16GB] Mini PC			
Chromebox CX15 [i3/i5/i7, 8/16GB] Mini PC			
CB 514 (CB514-1W/-1WT) [i3/i5/i7, 8GB] Clamshell, 14" touchscreen (optional)			
Spin 514 (CP514-2H) [i3/i5/i7, 8GB/16GB] Convertible, 14" touchscreen			G
CB 515 (CB515-1W/-1WT) [i3/ i5/ i7, 8GB/16GB Clamshell, 15" touchscreen (optional)			
CB Vero 514 (CBV514-1H/HT) [i3/i5/i7, 8/16GB] Clamshell, 14" touchscreen (optional)			
CB Vero 712 (CV872/CV872T) [i3, 8GB] Clamshell, 12" touchscreen (optional)			



KEY



Devices that have WiFi 6 enabled SKUs



Stylus compatible | G = Garaged stylus included



Devices that have an LTE/5G SKU

Learning Anywhere

CR1 (CR1100C) [N4500,N5100,N6000, 4/8GB] Clamshell, 11.6"screen		Optional	
CR1 (CR1100F) [N4500,N5100,N6000, 4/8GB] Convertible, 11.6" touchscreen		Optional	G
CR11 (CR1102) [N100/N200, 4/8/16GB] Clamshell, 11.6" screen			
CR11 (CR1102F) [N100/N200, 4/8/16GB] Convertible, 11.6" touchscreen			G
CZ1 (CZ1000) [MTK8183,4GB] Tablet, 10.1" touchscreen			G
CX1 (CX1101C) [N4020, 4GB] Clamshell, 11.6" screen			
CM1 (CM1400F) [3015CE, 4/8GB] Convertible, 14" touchscreen			
CX1 (CX1102F) [N4500,N5100, N6000, 4/8GB] Convertible, 11.6" touchscreen			
CX1 (CX1102C) [N4500,N5100, N6000, 4/8GB] Clamshell, 11.6" screen			
CX1 (CX1400C, CX1500C, CX1700C) [N4500, N5100, N6000, 4/8GB] Clamshell, 14"/15.6"/17.3" screens			
CX1 (CX1400F, CX1500F) [N4500, N5100, N6000, 4/8/16GB] Convertible, 14"/15.6" touchscreen			
CM3 (CM3000) [Tablet MTK8183,4GB] Tablet, 10.5" touchscreen			G
CM3 (CM3200) [MTK8192, 4GB] Convertible, 12" touchscreen			
CX3 (CX3400) [Fan i3, 4GB] Convertible, 14" touchscreen			G
CM5 (CM5500) [R3/5, 4GB] Convertible, 15.6" touchscreen			
CM14 (CM1402C) [MT8186, 4/8GB] Clamshell, 14" screen			
CM14 (CM1402F) [MT8186, 4/8GB] Convertible, 14" touchscreen			G

Advanced Use

CX3 (CX3400) [i3/i5/i7, 8/16GB] Convertible, 14" touchscreen			G
CX34 (CX3401F)[i3/i5/i7, 8/16GB] Convertible, 14" touchscreen			G
CX5 (CX5601, CX5500, CX5400) [i5/i7, 8/16GB] Convertible, 16"/15.6"/14" touchscreen			G
CX55 (CX5501F)[i3/i5/i7, 8/16GB] Convertible, 15.6" touchscreen			G
CX9 (CX9400) [i3/i5/i7, 8/16GB] Clamshell, 14" screen			
CM5 (CM5500) [R5, 8GB] Convertible, 15.6" touchscreen			
Chromebox 4 [i3/i5/i7, 8/16GB] Mini PC			
Chromebox 5 [i7, 16/32GB] Mini PC			



KEY



Devices that have WiFi 6 enabled SKUs



Stylus compatible | G = Garaged stylus included



Devices that have an LTE/5G SKU



Learning Anywhere

HP Chromebook 11 G9 EE [N5100, 4/8GB], Clamshell, 11" touchscreen (optional)			
HP Chromebook 11MK G9 EE [MT8183, 4/8GB], Clamshell, 11" touchscreen (optional)			
HP Chromebook 14 G7 [N5100, 4/8GB], Clamshell, 14" touchscreen (optional)			
HP Chromebook X360 11 MK G3 EE [MT8183, 4/8GB], Convertible, 11.6" touchscreen			
HP Chromebook X360 11 G4 EE [N5100, 4/8GB], Convertible, 11.6" touchscreen			
HP Fortis X360 11 G3 J Chromebook [N4500/N5100/N6000, 4/8GB], Convertible, 11.6" touchscreen			
HP Fortis 14" G10 Chromebook [N4500/5100/6000, 4/8GB], Clamshell, 14" touchscreen (optional)			
HP Fortis 11" G9 Q Chromebook [QC, 4/8GB], Clamshell, 11" touchscreen (optional)			
HP Elite c640 14" G3 Chromebook [Pentium, 8GB], Clamshell, 14" touchscreen (optional)			

Advanced Use

HP Pro c640 G2 Chromebook [i3/5/7, 8/16GB], Clamshell, 14" touchscreen (optional)			
HP Elite c640 14" G3 Chromebook [i3/5/7, 8/16GB], Clamshell, 14" touchscreen (optional)			
HP Elite c645 14" G2 Chromebook [Ryzen 3/5/7, 8/16GB], Clamshell, 14" touchscreen (optional)			
HP Chromebox G3 [i3/i5/i7, 8/16/32GB] Mini PC			
HP Elite Dragonfly 13.5" Chromebook [i3/i5/i7, 8/16/32GB], Convertible, 13.5" touchscreen			G



KEY



Devices that have WiFi 6 enabled SKUs



Devices that have an LTE/5G SKU



Stylus compatible | G = Garaged stylus included