



Selecting the right Chromebook for your cloud workers

To select the right device for your cloud workers, it's important to consider what type of work they do and the device specifications they need to help them do that work.

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

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.



This document is meant to help you have the right conversation with your customer – so you can select the right device for each worker.

1 Primary use cases for the device

To select the right Chromebook for an employee – and meet the needs of your business – it's important to understand what the employee needs to do on their device. Generally, there are four primary use cases:

 For browsing & single tasks

 For collaborating

 For apps & virtualization

 For power usage

For example, frontline workers may find that a simple device that supports web browsing is all they need. Information workers and executives may need collaboration tools, as well as more apps and virtualization. Analysts and designers may need devices built for power usage.

The chart below lists the key functionality typically required to support each use case.

Primary use case	Increasing workload intensity 			
	 For browsing & single tasks	 For collaborating	 For apps & virtualization	 For power usage
Web browser tab load ⁽¹⁾	Medium	High	High	High
Email	✓	✓	✓	✓
G Suite / Web productivity apps	Note ⁽²⁾	✓	✓	✓
Video conferencing	Note ⁽²⁾	✓	✓	✓
Android productivity apps (eg Office 365)	Note ⁽²⁾		✓	✓
Always-on VDI/Persistent streaming	Note ⁽²⁾		✓	✓
Run Linux beta				✓
Display support	Notebook screen	External monitor	Dual external monitor via docking station	4K monitor

1. Web browser tab load is the number of concurrent web browser tabs open. Medium refers to 14-25 and High is 26+.
2. May be able to handle single tasks e.g., G Suite, Video Conferencing, VDI (e.g. Citrix), Android Apps each in isolation and provided that there are no other concurrent system intensive applications. However, if the user needs video conferencing, VDI and/or productivity apps concurrently then the “For apps & virtualization” configuration is recommended.

2 The device specifications required for each use case

To optimize the experience for users, it's important to get the device specifications right. The chart below maps out recommended specifications for each use case.

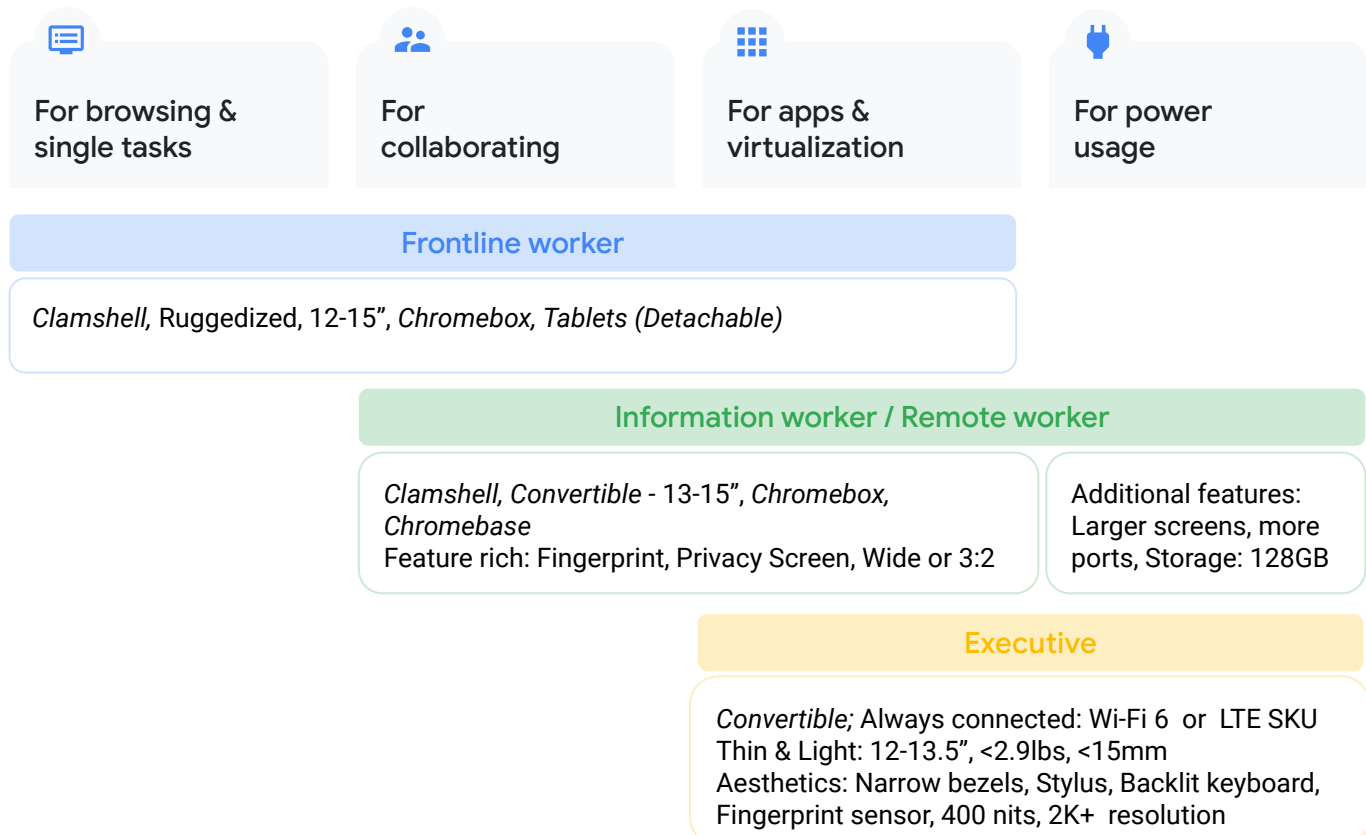
Note: These were determined based on device testing data in Q4 2019 with Enterprise Enrollment & do not account for substantial changes to apps/software that were tested, thereafter. We intend to refresh this periodically to reflect changes in software and apps over time.

Device specifications	For browsing & single tasks	For collaborating	For apps & virtualization	For power usage
Minimum CPU*	Intel Celeron AMD A6, MTK 8183	Intel Pentium, i3	Fan Intel i3, i5, i7 Fanless Intel i5, i7	Fan Intel i5, i7 Fanless Intel i5, i7
Minimum RAM	4GB	8GB	8GB+	Fan: 8GB Fanless: 16GB

Some configurations may only be available in select markets. Please contact your OEM representative regarding the availability of specific devices and configurations.

3 Hardware guidance for each use case

Below is a mapping of the use cases to a broad set of worker profiles. Also listed are the form factors and features that would provide an ideal experience for each worker profile.



Here you can find a list of devices organized by manufacturer. By now, you should have an idea of what specifications your customer needs. Find a device that matches their specs and suits their needs.

Some configurations may only be available in select markets. Please contact your OEM representative regarding the availability of specific devices and configurations. We will update with additional devices as they launch.

Devices marked in the tiers on the right can be leveraged for those on the left but not vice versa.

 Frontline worker  Information / Remote Worker  Executive worker

	 For browsing & single tasks	 For collaborating	 For apps & virtualization	 For power usage
Acer	 Clamshell: CB314/C933 [N4000/4100/ 5000, 4GB]  CB315 [N4000/A6, 8/4GB]  CB713 [Celeron, 4GB]  CB714 [Celeron/i3, 4GB]  CB715 [Celeron/i3, 4GB]  CB512 [N4000/5000, 4/8GB]  CB514 [N3350/3450,4G]  Convertible: Spin 512 [N4100/5000, 4/8GB]  Chromebase: CA24I2 [Celeron, 4/8GB] or [i7, 4Gb]  Chromebox: CXI3 [Celeron, 4/8GB] or [i3, 4GB]	 Clamshell: CB514 [Pentium, 8GB]  CB713 [Pentium, 8GB]  CB714 [Pentium, 8GB]  CB715 [Pentium, 8GB]	 Clamshell: CB713 [i3, 8GB]  CB714 [i3, 8GB]  CB715 [i3, 8GB]  Chromebase: CA24I2 [i3, 8Gb]  Chromebox: CXI3 [i3, 8GB]  Convertible: Spin 13/CP713-1WN [i3, 8GB]	 Clamshell: CB713 [i5/i7, 8/16GB]  CB714 [i5/i7, 8/16GB]  CB715 [i5/i7, 8/16GB]  Chromebase: CA24I2 [i5, 8Gb]  Chromebox: CXI3 [i5/7, 8/16GB]  Convertible: Spin13 [i5/i7, 8/16GB]

* Devices outlined in blue boxes are Chromebook Enterprise which means they come with the business capabilities of Chrome OS unlocked.

4

Finding the right device for your customer 2/4

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 Frontline worker  Information / Remote Worker  Executive worker

	 For browsing & single tasks	 For collaborating	 For apps & virtualization	 For power usage
Asus	 Clamshell: C223 [Celeron, 4GB]  C403 [Celeron, 4GB]  C423 [Celeron, 4GB]  C425 [m3, 4GB]  C523 [Celeron, 4GB]  Convertible: C434 [m3, 4GB]  Chromebox: 3 [Celeron, 4/8GB] [i3/i5/i7, 4GB]	 Clamshell: C423 [Pentium, 8GB]   C425 [Pentium/m3, 8GB]   C523 [Pentium, 8GB]   Convertible: C434 [m3, 8GB]  	 Chromebox: 3 [i3, 8GB]   Convertible: C436 [i3, 8GB]   Convertible: C434 [i5 - Fanless, 8GB]  	 Chromebox: 3 [i5/i7, 8/16GB]   Convertible: C436 [i5/i7, 8/16GB] 
Dell	 Clamshell: Latitude 5400 [Celeron, 4/8GB] [i3,4GB]	 Clamshell: Latitude 5400 [i3, 8GB]   Convertible: Latitude 5300 2-in-1 [i3, 8GB]  		 Clamshell: Latitude 5400 [i5/i7, 8/16/32 GB]   Convertible: Latitude 5300 2-in-1 i5/i7, 8/16/32GB] 

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4 Finding the right device for your customer 3/4

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 Frontline worker  Information / Remote Worker  Executive worker

	 For browsing & single tasks	 For collaborating	 For apps & virtualization	 For power usage
Google	 Tablet: Pixel Slate [Celeron, 4/8GB]	 Tablet: Pixel Slate [m3, 8GB]  Clamshell: Pixelbook Go [m3, 8GB]	 Tablet: Pixel Slate [i5, 8GB]  Clamshell: Pixelbook Go [i5, 8GB]  Convertible: Pixelbook [i5, 8GB]	 Tablet: Pixel Slate [i7, 16GB]  Clamshell: Pixelbook Go [i7, 16GB]  Convertible: Pixelbook [i7, 16GB]
HP	 Clamshell: 14 [A6, 4/8GB]  Clamshell: 14 G6 [N4xxx, 4/8GB]  Convertible: x360 14 [Pentium, 4GB]  Convertible: x360 14b [N4/5000, 4/8GB]  Convertible: x360 12b [N5000, 4/8GB]  Chromebox: G2 [Celeron, 4/8GB]	 Tablet: x2 [m3, 8GB]  Convertible: x360 14 [Pentium, 8GB]  Clamshell: Pro c640 [Pentium, 8GB]	 Tablet: x2 [i5- Fanless, 8GB]  Convertible: x360 14 [i3, 8GB]  Clamshell: Pro c640 [i3, 8/16GB]  Chromebox: G2 [i3, 8GB]  Convertible: c1030 [i3, 8GB]	 Clamshell: Pro c640 [i5/i7, 8/16GB]  Chromebox: G2 [i5/i7, 8/16GB]  Convertible: x360 14 [i5, 8GB]  x360 14 [i7, 16GB]  c1030 [i5/i7, 8/16GB]

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Frontline worker



Information / Remote Worker



Executive worker



For browsing
& single tasks



For
collaborating



For apps &
virtualization



For power
usage

Lenovo



Clamshell:
Chromebook 14e
[A6, 4/8GB]



Tablet:
10e
[MTK 8183, 4GB]



Convertible:
C630 2-in-1
[i5, 8GB]



Samsung



Clamshell:
Chromebook 4+
[N4000, 4/6GB]



Convertible:
Plus V2
[Celeron/m3, 4GB]



Plus V2 LTE
[Celeron, 4GB]



Convertible:
Galaxy
Chromebook
[i5, 8GB]





For browsing
& single tasks



For
collaborating



For apps &
virtualization



For power
usage



Frontline
worker

Clamshell:

CB314/C933 [N4000/4100/
5000, 4GB]

CB315 [N4000/A6, 8/4GB]

CB713 [Celeron, 4GB]

CB714 [Celeron/i3, 4GB]

CB715 [Celeron/i3, 4GB]

CB512 [N4000/5000,
4/8GB]

CB514 [N3350/3450, 4G]

Convertible: Spin 512

[N4100/5000, 4/8GB]

Chromebase: CA24I2

[Celeron, 4/8GB] or [i7, 4Gb]

Chromebox: CXI3 [Celeron,
4/8GB] or [i3, 4GB]

Clamshell:

CB514

[Pentium, 8GB]

CB713

[Pentium, 8GB]

CB714

[Pentium, 8GB]

CB515

[Pentium, 8GB]

Clamshell:

CB713

[i3, 8GB]

CB714

[i3, 8GB]

CB715

[i3, 8GB]

Chromebase:

CA24I2

[i3, 8Gb]

Chromebox:

CXI3

[i3, 8GB]

Clamshell:

CB713

[i5/i7, 8/16GB]

CB714

[i5/i7, 8/16GB]

CB715

[i5/i7, 8/16GB]

Chromebase:

CA24I2

[i5, 8Gb]

Chromebox:

CXI3

[i5/7, 8/16GB]

Convertible:

Spin 13/CP713-1WN

[i3, 8GB]

Convertible:

Spin13

[i5/i7, 8/16GB]



Information
/Remote
Worker



Executive
worker

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For browsing
& single tasks



For
collaborating



For apps &
virtualization



For power
usage



Frontline
worker

Clamshell:
C223 [Celeron, 4GB]
C403 [Celeron, 4GB]
C423 [Celeron, 4GB]
C425 [m3, 4GB]
C523 [Celeron, 4GB]
Convertible:
C434 [m3, 4GB]
Chromebox:
3
[Celeron, 4/8GB]
[i3/i5/i7, 4GB]

Clamshell:
C423
[Pentium, 8GB]
C425
[Pentium/m3, 8GB]
C523
[Pentium, 8GB]
Convertible:
C434
[m3, 8GB]

Chromebox:
3 [i3, 8GB]
Convertible:
C436
[i3, 8GB]

Chromebox:
3 [i5/7, 8/16GB]



Information
/Remote
Worker

Convertible:
C434
[i5 - Fanless, 8GB]

Convertible:
C436
[i5/i7, 8/16GB]



Executive
worker

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For browsing
& single tasks



For
collaborating



For apps &
virtualization



For power
usage



Frontline
worker

Clamshell:
Latitude 5400
[Celeron, 4/8GB]
[i3,4GB]



Information
/Remote
Worker

Clamshell:
Latitude 5400
[i3, 8GB]

Convertible:
Latitude 5300 2-in-1
[i3,8GB]

Clamshell:
Latitude 5400
[i5/i7, 8/16/32 GB]



Executive
worker

Convertible:
Latitude 5300
2-in-1
i5/i7, 8/16/32GB]

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For browsing
& single tasks



For
collaborating



For apps &
virtualization



For power
usage



Frontline
worker

Tablet:
Pixel Slate
[Celeron, 4/8GB]



Information
/Remote
Worker

Tablet:
Pixel Slate
[m3, 8GB]

Clamshell:
Pixelbook Go
[m3, 8GB]



Executive
worker

Tablet:
Pixel Slate
[i5, 8GB]

Clamshell:
Pixelbook Go
[i5, 8GB]

Convertible:
Pixelbook
[i5, 8GB]

Tablet:
Pixel Slate
[i7, 16GB]

Clamshell:
Pixelbook Go
[i7, 16GB]

Convertible:
Pixelbook
[i7, 16GB]

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For browsing
& single tasks



For
collaborating



For apps &
virtualization



For power
usage



Frontline
worker

Clamshell:

14

[A6, 4/8GB]

Clamshell:

14 G6 [N4xxx, 4/8GB]

Convertible:

x360 14 [Pentium, 4GB]

x360 14b [N4/5000,
4/8GB]

x360 12b [N5000,
4/8GB]

Chromebox:

G2

[Celeron, 4/8GB]

Tablet:

x2

[m3, 8GB]

Convertible:

x360 14

[Pentium, 8GB]

Clamshell:

Pro c640

[Pentium, 8GB]

Tablet: x2

[i5- Fanless, 8GB]

Convertible:

x360 14 [i3, 8GB]

Clamshell:

Pro c640 [i3,

8/16GB]

Chromebox:

G2

[i3, 8GB]

Clamshell:

Pro c640

[i5/i7, 8/16GB]

Chromebox:

G2

[i5/i7, 8/16GB]



Information
/Remote
Worker

Convertible:

x360 14

[i5, 8GB]

Convertible: x360

14

[i7, 16GB]

Convertible: c1030

[i5/i7, 8/16GB]



Executive
worker

Convertible:

c1030

[i3, 8GB]

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For browsing
& single tasks



For
collaborating



For apps &
virtualization



For power
usage



Frontline
worker

Clamshell:
Chromebook 14e
[A6, 4/8GB]

Tablet:
10e
[MTK 8183, 4GB]



Information
/Remote
Worker

Convertible:
C630 2-in-1
[i5, 8GB]



Executive
worker

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For browsing
& single tasks



For
collaborating



For apps &
virtualization



For power
usage



Frontline
worker

Clamshell:
Chromebook 4+
[N4000, 4/6GB]

Convertible:
Plus V2
[Celeron/m3,
4GB]

Plus V2 LTE
[Celeron, 4GB]



Information
/Remote
Worker

Convertible:
Galaxy
Chromebook
[i5, 8GB]



Executive
worker

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