

acer

PRODUCT SUMMARY



Acer Chromebook Spin 511

Start thinking outside the box with the convertible Acer Chromebook Spin 511. With its 4 usage modes, world-facing camera, state of the art processor, military durability, and long battery life, this Chromebook allows students to stay engaged and ready to achieve more in the classroom.





1. Futureproof Processing

Enjoy longer battery lives and responsive software thanks to the **latest Intel® processor**. The extra boost of performance makes classroom projects run smoother so that tasks can be performed quicker, , while the advanced **Intel Wi-Fi 6 (802.11ax)** technology allows you to enjoy up to 3 times faster speeds than standard Wi-Fi 5.



2. Military Grade Durability

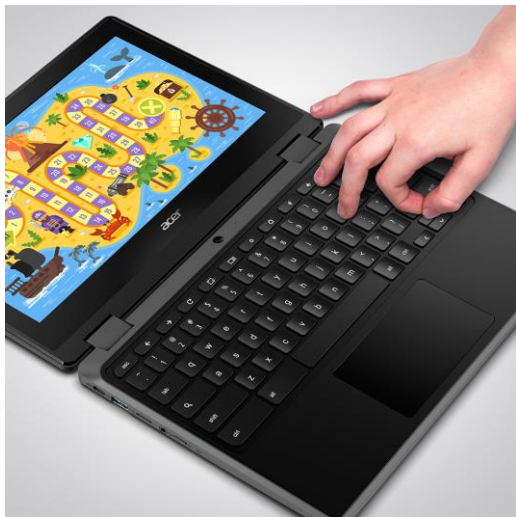
The **Military Standard (MIL-STD 810H¹)** tested, impact-resistant body stands up all sorts of daily wear and tear. The **shock absorbent bumper and reinforced design** protects the device from drops as high as **122cm and up to 60kg of downward force**. The **widened brackets and reinforced IO ports** protect against rough play while the unique drainage design of the keyboard protects internal components from upwards of **330ml of liquid**.

1. Sand and Dust testing based on MIL-STD 810F.



3. Better Learning and Collaboration

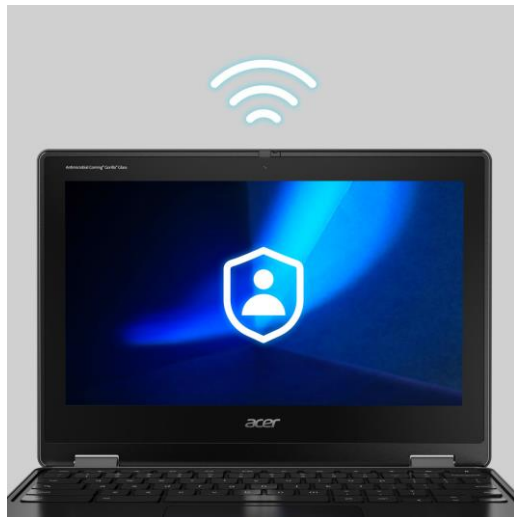
The convenient options of this 2-in-1 laptop allows students to work in a variety of situations and never struggle to find a suitable position. Combined with the **5 MP MIPI world facing camera and the 88° wide-field-of-view webcam**, students can easily take high quality photos to be used in more engaging school projects.



4. Anchored Key Design

Keep the keys where they should be.

Mechanically-anchored keys makes sure the keyboard stays in good condition, even in large classrooms where computers are shared among students.



5. Zero-Touch Enrollment

With zero-touch enrollment, IT departments can drop ship Chrome OS devices that will automatically enroll into school administration as soon as the end user connects to the internet.



6. Learning Early, Safely

















Suitable for younger learners, this Chromebook is certified to meet two leading **toy safety standards**: the **ASTM F963-16²** and **UL/IEC 60950-1³**.

2. Plastic coatings used on the device's surface have been strictly tested and certified under ASTM F963-16 Toy Safety Standard and Consumer Product Safety Improvement Act (CPCIA) of 2008.

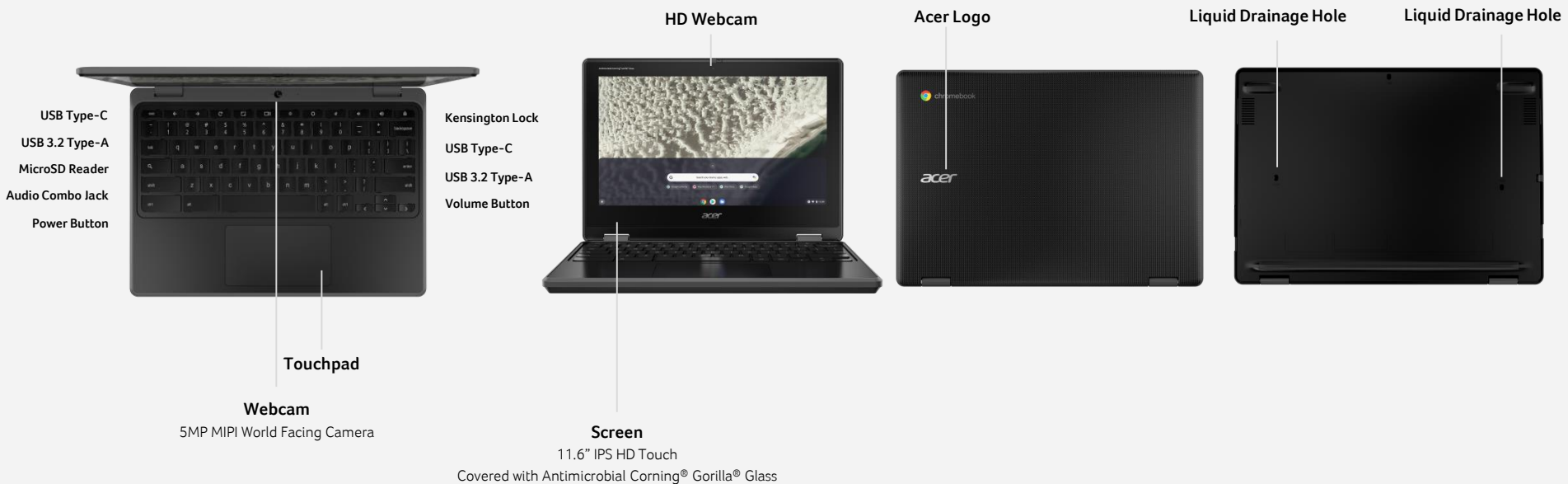
3. Device has been designed and tested to meet UL/IEC 60950-1 safety standard, investigated by UL 696 safety electric toys and meets the ASTM F963 toy safety

for kids over 3 years old. For more information visit:

<https://www.astm.org/Standards/F963.htm>

Fundamentals	OS	Chrome OS	App Store	 Google Play Google Play Store	Google Play Store
Ruggedized Design	 MIL-STD 810H Certified	MIL-STD 810H Compliant	Display	 In-Plane Switching	IPS Display
	 Spill-Resistant Keyboard	Spill-Resistant Keyboard (330ml)		 Resolution	HD Display
	 Moisture Resistant Touchpad	Moisture Resistant Touchpad		 Touch	Touch Display
	 Keyboard with Mechanically Anchored Key	Keyboard with mechanically anchored key		CORNING Gorilla® Glass Tougher Design	Antimicrobial Corning® Gorilla® Glass
Connectivity	 Wi-Fi 6 Wireless Connection	Wi-Fi 6	Battery Life	 Battery life	Up to 10 Hours (power_LoadTest)
	 Ultra-Fast Wireless Speed	2X2 802.11 ac, MU-MIMO.	Webcam	 Wide Field of View Webcam	88 ° Wide Field of View Webcam.
	 USB 3.2 Reversible Type-C Connector	2 x Full Functions USB3.2 Type-C Connectors		 5.0MP World Facing Camera	5MP MIPI World Facing Camera
	USB 3.2	2 x USB 3.2 Type A		 Camera Shutter	Camera Shutter
	Bluetooth	Bluetooth 5.1	Safety Standard	ASTM Toy Safety	Certified to meet ASTM F963-16 Toy Safety Standard for children over 3 years old
Service	 Easy Fix Keyboard	Easy Fix Keyboard	Specifications may vary depending on region.		





	A Cover (Top)	B Cover (Screen)	C Cover (Keyboard)	D Cover (Bottom)
Color	Shale Black	Shale Black	Shale Black	Shale Black
Material	Plastic and Rubber	Plastic	Plastic and Rubber	Plastic
Finish	Texture	Texture	Texture	Texture



Antimicrobial Corning® Gorilla® Glass

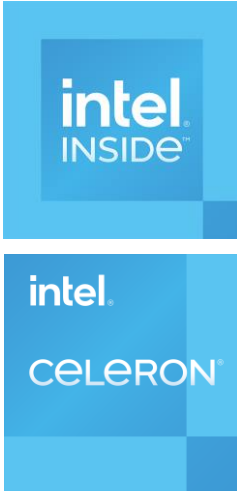
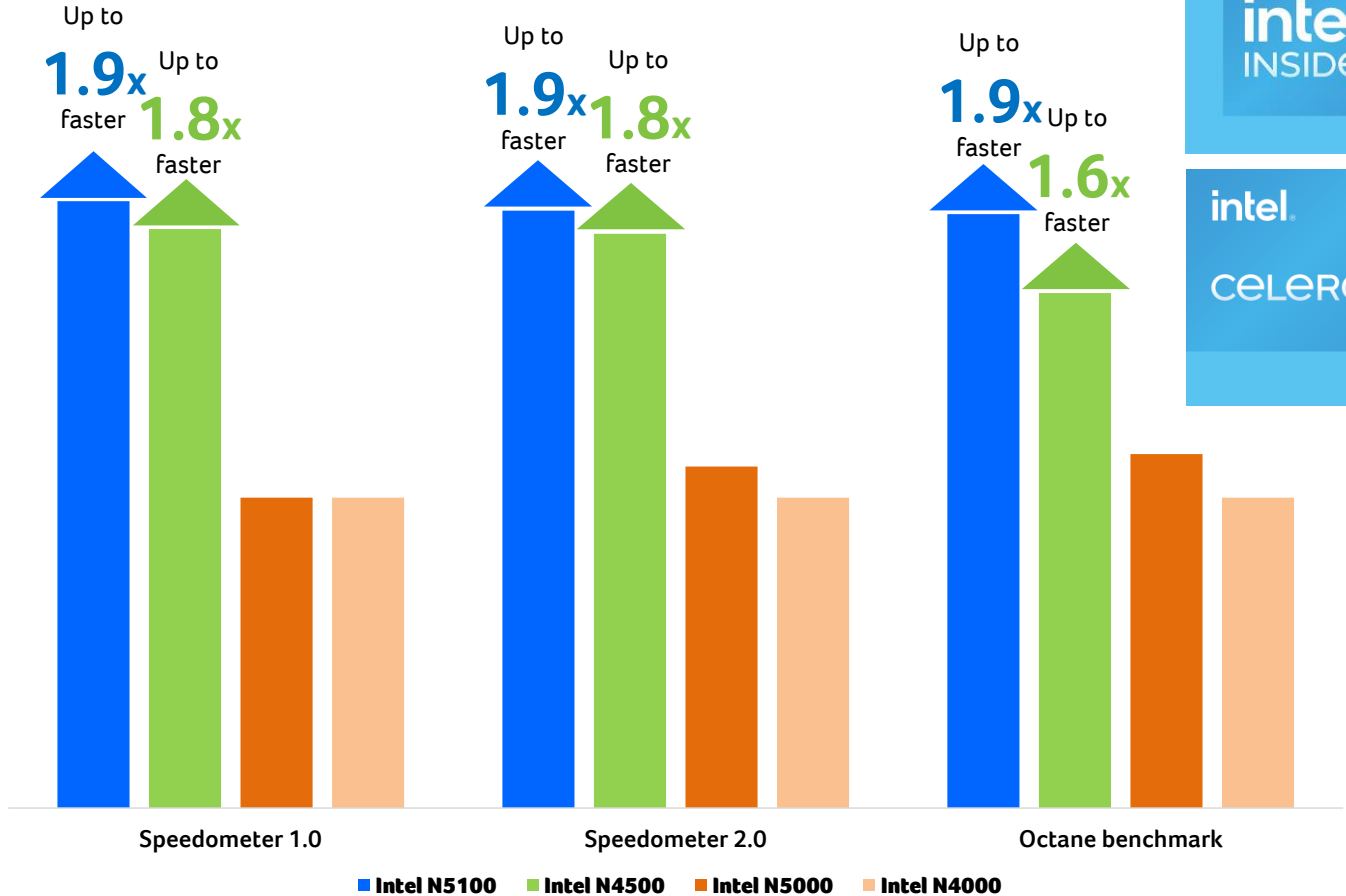


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Key Differentiator

Latest Intel® Celeron® Processor

Acer Chromebook Spin 511 features the latest Intel® Celeron® Processor* (Jasper Lake), and utilizes an optimized process technology to supporting you sail through everyday tasks with ease.

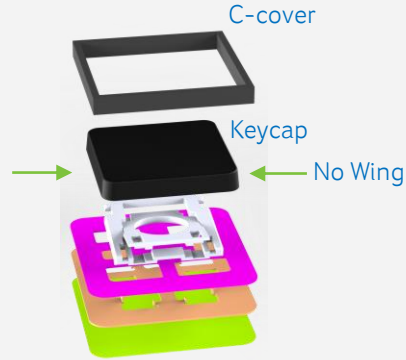


Keyboard with mechanically anchored keys

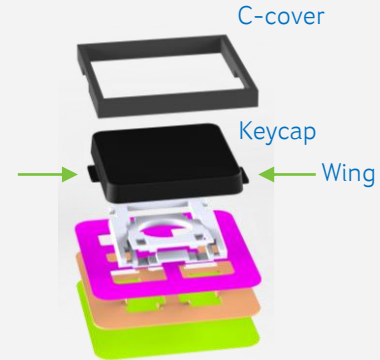
Safe From Picky Fingers – Keyboard keys are kept safe from bored and restless children with mechanically anchored keys. These keys are both difficult to remove and easy to replace, making them ideal for classroom situations where computers are shared among students. Two mechanisms contributed to this mechanically anchored keys (image on the right).

1. The keycap has two wings on each side to prevent the key is pulled by restless fingers. The wings will be blocked by the C-cover as it is pulled upward.
2. The gap between the keycap and C-cover does not exist; therefore, it is very difficult to insert the nail under the keycap and pull it up. The keycap extends to the bottom of C-cover

Keyboard with standard key



Keyboard with mechanically anchored key



Two wings on each sides of keycap to prevent the key is pulled by restless fingers. When the keycap is pulled, the wings will be blocked by the C-cover.



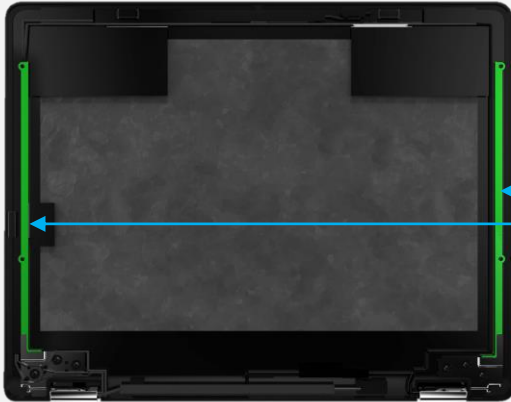
Reinforced widened brackets

Starting from 2021, all Acer EDU Chromebooks come with the widened brackets to protect against rough play.

The hinge brackets in 2021 Acer EDU Chromebooks have been widened by several folds to provide added support to the panel and prevent the panel breakage.

2020 Acer EDU Chromebook

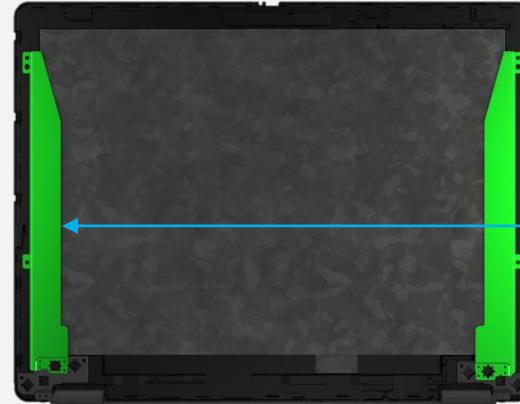
The elongated brackets but not widened



The hinge brackets are elongated but not widened.

2021 Acer EDU Chromebook

The widened elongated brackets



The hinge brackets have been widened by several folds to provide added support and prevent the panel breakage.

Reinforced IO ports

Starting from 2021, all Acer EDU Chromebooks come with the reinforced IO ports to protect against rough play.

The IO ports have been reinforced with additional metallic plate which is screwed onto the chassis to ensure that these IO ports stayed in place and can survived repeated uses.

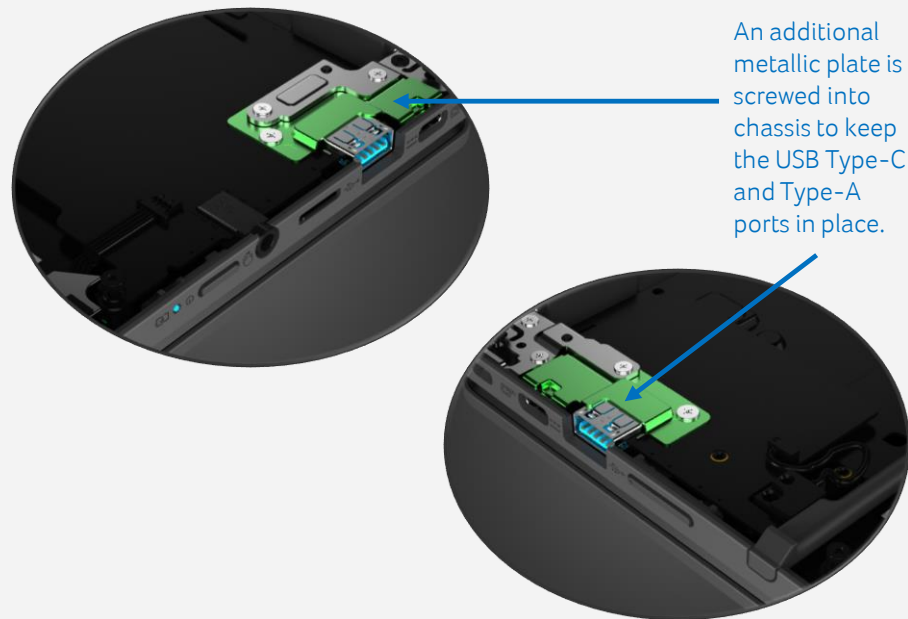
2020 Acer EDU Chromebook

The IO ports are not reinforced



2021 Acer EDU Chromebook

The IO ports are reinforced



Benefits of MIPI Webcam

With 2021 Acer Chromebook Spin 511, it comes with built-in MIPI world-facing camera on the C-cover. It brings the following benefits over the traditional USB webcam.

1. Temporal noise reduction (TNR) offers better image quality in low light situations.
2. Delivers brighter and clearer face image for situation where there is a source of backlight, as shown in the images on this page.
3. Zero shutter lag reduces shot-to-shot time to allow instant capture.
4. EXIF (Exchangeable Image File Format) information are stored in each image. In contrast, the images from USB Webcam do not contained EXIF information.

* The images shown on this page are for illustration purpose only and they are not based on actual images from USB and MIPI webcams.

2019 Acer Chromebook Spin 511

USB Webcam



2021 Acer Chromebook Spin 511

MIPI Webcam



Key Differentiator

Military Grade Durability

The Military Standard (MIL-STD 810H) tested, impact-resistant body stands up to daily wear and tear. It can take a 60kg weight, the shock absorbent bumper and reinforced design protect components and it can survive drops from 122cm.



Key Differentiator

ASTM Toy Safety Standard

To protect the youngest of children from harmful electrical hazards and other potential threats this Acer Chromebook has been certified to meet the conditions of two toy safety standards: UL/IEC 60950-1¹ and ASTM F963-16².

1. Acer Chromebook Spin 511 is designed and tested to meet UL/IEC 60950-1 safety standard, investigated by UL 696 safety electric toys and meets the ASTM F963 toy safety for kids over 3 years old. For more information visit:

<https://www.astm.org/Standards/F963.htm>

2. Plastic coatings used on Acer Chromebook Spin 511 surface have been strictly tested and certified under ASTM F963-16 Toy Safety Standard and Consumer Product Safety Improvement Act (CPCIA) of 2008. For more information visit: https://standardscatalog.ul.com/standards/en/standard_60950-1_2

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ASTM F963 toy safety for kids over 3 years old

UL/IEC 60950-1 safety standard



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