

acer



SWITCH V 10 [SW5-017]

Value Proposition

Because it is a 2-in-1 device, the Switch V 10 is the perfect match for those of you looking for both a tablet and a laptop. But unlike any other 2-in-1, the Switch V 10 will guarantee you an exclusive and well-protected identity.



Choose the color that matches best your style.

The Switch V 10 will come both in Black and White

Be sure your data are secured.

In the settings, enable **Windows Hello** to activate the **built-in fingerprint sensor** to make sure you're the one and only allowed to access your device.



We have also equipped the Switch 10 V with the **Acer SwitchLock™** which pairs the tablet and the keyboard for an optimum data protection when using the keyboard's optional hard drive



Main user benefits

EXCLUSIVE IDENTITY

- **2 color** options matching your personality
- **Metallic top cover** with **brushed pattern** for a smooth and classy sense.
- Enable **Windows Hello** with the pre-boot **fingerprint reader** for enhanced security. Only you can access this device!

ENHANCED VERSATILITY

- **Acer Snap Hinge 2** with the latch-less hinge design enables you to switch one device between **4 modes** easily and conveniently.
- With **Continuum**, no matter which mode you're using (tent, tablet, notebook, display), the screen experience is automatically optimized.
- The **2 cameras** enable you to use Skype and to take photos with friends and family.

EFFICIENT PRODUCTIVITY

- The **reversible USB 3.1 Type-C** port enables fast data transfer, high resolution display output and device charging.
- **2X2 MIMO 802.11ac** wireless connection enables you to enjoy up to three times faster Wi-Fi performance.
- **Precision touchpad** enables improved pinch to zoom, smoother scrolling and screen navigation experience.
- Work all day long thanks to the long battery life (up to **9 hours**).
- The Switch V 10 is a 2-in-1 detachable notebook that has clean and tough cover touch display protected by **Antimicrobial Corning® Gorilla® Glass**.

* Some Microsoft Office apps for Android are only available in certain countries. Go to Microsoft official Website to check the availability.

Break down

Metallic top cover with Brushed pattern

The material we used to cover up the Switch V 10 is also a key component of what makes it look so neat. The metallic front cover comes with a discrete yet elegant brushed pattern.

We have also taken inspiration from the Aspire V Nitro to re-design our Acer SnapHinge™ 2.

Result – we are sure of it – is subtle and will without a doubt charm you.



Fingerprint recognition

Obviously, there's only one you. Luckily, the Switch V 10 knows it.

Acer Fingerprint Reader is a **biometric authentication system** that offers a quick and secure way for Windows 10 to verify your identity, all without those darn passwords.

The small fingerprint scanner is located on the rear of the tablet and works in conjunction with Windows Hello. After scanning and verifying your fingerprint, it will auto log to your Windows account.

Fingerprint authentication works by the sensor scanning an image of your fingerprint, and saving a registered copy of it on your device. The result, you'll never have to create and remember (or forget) that complex string of characters that was your password.

Acer Fingerprint Reader makes logging in to your device convenient and simple, but won't sacrifice on security and privacy.



How to create your Fingerprint sign-in?

#1 Settings -> Accounts -> Sign-in options

#2 Make sure it's you

#3 Create new fingerprint



- It's **easy to set up** and you won't sacrifice on security nor on privacy
- It's also a little boost in your productivity: the fingerprint authentication **speeds up the login process** as it takes less than one second from scanning your fingerprint to accessing the OS
- And last but not least, it **recognizes specific people** because it can link action to individuals that you have set up, detect inappropriate behavior and eliminate fraudulent activity.

Switch is a snap

The latch-less magnetic Acer Snap Hinge 2 with its guiding plane design supports smooth and effortless transitions between 4 different using modes. So to make it short, it perfectly fits into every situation.



Flip, detach, switch



Notebook

- A fully functional laptop with keyboard.
- Efficient for daily work and productivity.
- Precise and ample key for comfortable typing.



Tent

- The perfect mode when you need to use it in a narrow space, e.g. viewing recipe in the kitchen or set it up on a bookshelf.



Display

- Present your proposal or broadcast a video conference.
- Share photos or movies with others.



Pad

- Use it as a tablet and browse through webpages, get connected to social media, play exciting games, or watch latest movies. All fits nicely in your hand.



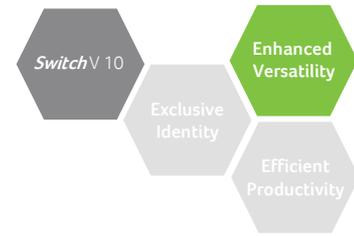
Full Continuum support

Windows optimizes your experience for what you're doing and the device you're using.

Onscreen features, like menus and taskbars, adapt for easy navigation. Apps are built to scale smoothly from screen to screen so they look good from the smallest phone screen up to the largest 4k displays.

You can even change from tablet to desktop mode anytime you want – your screen will give you a smooth transition and a beautiful display.

Available exclusively on Windows, this feature is called Continuum and is designed to ensure that the best screen is always the one you're on.



USB 3.1 Type-C

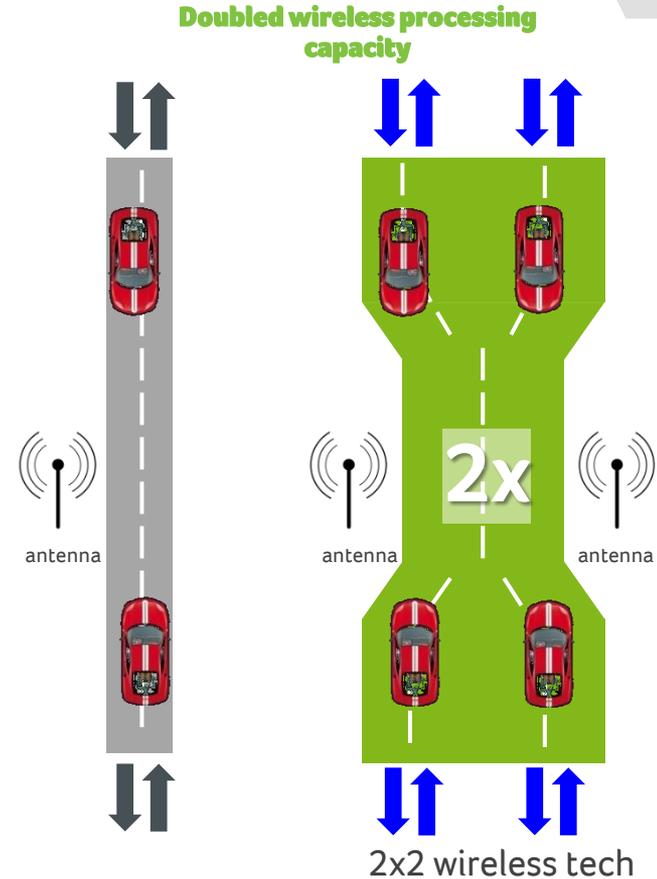
The Switch V 10 is equipped with a USB 3.1 Type-C. This port is 67% smaller than a USB port, but it can support high-res display output, data and power delivery.

- A small, reversible design.
- No need to worry any more about plugging it in upside down.
- Fast data transfer up to 5 Gbps.



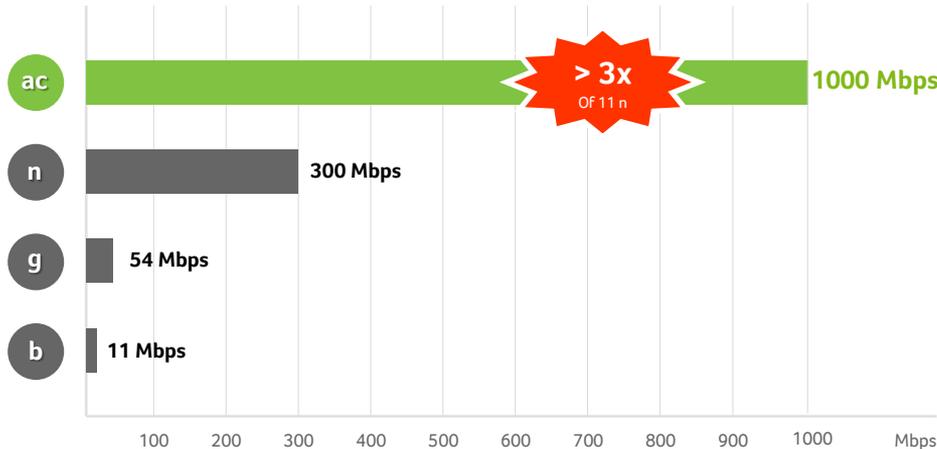
802.11ac & 2x2 MIMO for fast wireless connection

- The Switch V 10 features 2X2 802.11ac wireless technology, which strengthens your wireless connection to make it faster than previous wireless technology
 - The Switch V 10 provides twin wireless connections. Its 2x2 wireless technology processes data at up to twice the speed of traditional 1x1 solutions. This multi-input/ multi-output (MIMO) setup makes the Switch 10 V future-proof.
- The product is based on an IEEE 802.11ac draft specification and multi user scenario. Actual speed will vary based on range, connection rate, site conditions, size of network, and other factors.
 - The claim of up to 3x faster transmission speed is valid only under scenario when wireless AP supports 4 MU streams.
 - Specifications vary depending on region and model.



802.11ac

The Switch V 10 comes with the 802.11ac technology. It lets you experience wireless performance up to 3 times faster than the previous version. It also delivers expanded range so you can work more freely than ever.



- The product is based on an IEEE 802.11ac draft specification and multi user scenario. Actual speed will vary based on range, connection rate, site conditions, size of network, and other factors.
- The claim of up to 3x faster transmission speed is valid only under scenario when wireless AP supports 4 MU streams.



A new technology called “Beam Forming” allows 802.11ac to **focus Wi-Fi signals where they are needed, rather than broadcasting all signals in a 360-degree pattern.**

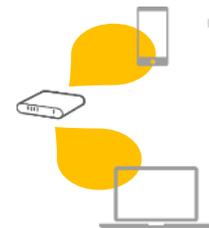
When signals are broadcast in all directions, the result is a weaker and slower connection. Beam Forming is a “Smart” way of sending and receiving Wi-Fi signals based on where they are needed.

For example, if your router is downstairs and your device is located in a bedroom upstairs, rather than broadcast signals in all directions at the same power (including to your neighbors), Beam Forming technology focuses signals toward your bedroom thereby improving your speed and connection.

Source: <http://store.bearextender.com/pages/802-11ac>



Standard WiFi



802.11ac Beamforming technology

Acer Precision Touchpad

The Precision Touchpad enhances the accuracy and performance of touchpad navigation. The seamless gesture recognition technology distinguishes between intentional finger gestures and accidental contact with the palm or hand. Fewer mistakes mean you can tap, swipe, scroll, and zoom more easily than ever.

The Precision Touchpad is equipped with palm rejection technology, which distinguishes between intentional finger gestures and accidental contact with the palm or hand. With the seamless gesture recognition, you can work efficiently with fewer mistakes.



Windows 10 Precision Touchpad gestures



	Single-finger slide	Single-finger tap	Single-finger tap + Slide	Single-finger left swipe	Single-finger right swipe	Two-finger tap	Two-finger slide	Two-finger pinch	Three finger tap	Three finger slide	Four finger tap
Gesture											
Gesture effect	Mouse cursor manipulation	Primary button click	Tap and move window	Switch app	Toggle Charms bar	Right button click	Horizontal or vertical scroll	Zoom	Invoke Cortana	Multi-tasking Gestures	Invoke Action Center
Microsoft Precision Touchpad (Windows 8.1)	✓	✓	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A
Microsoft Precision Touchpad (Windows 10)	✓	✓	✓	N/A	N/A	✓	✓	✓	✓	✓	✓

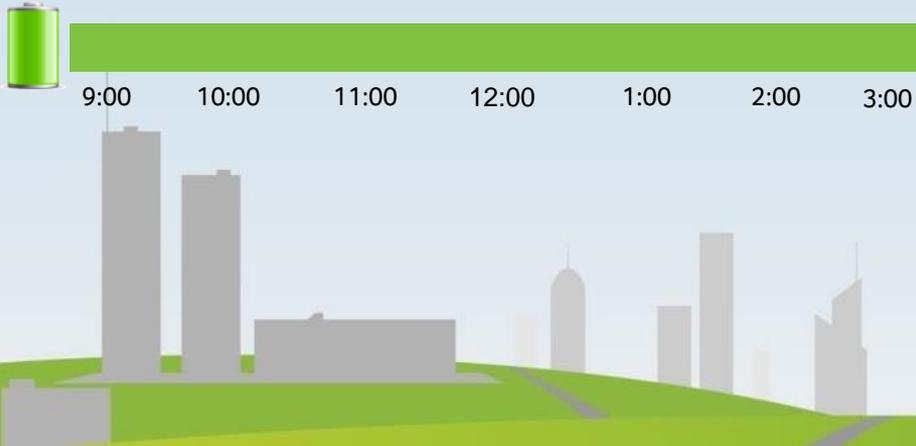
* Single-finger tap + slide gesture was available in Windows 8.1 but not widely publicized by Microsoft

Long battery life

No need to carry a bulky power adapter with you because the Switch V 10 can be used up to 9 hours in a row.



Battery life



9 hours



4:00 5:00 6:00 7:00 8:00 9:00 10:00 11:00

* 9 hours is based MobileMark 2014 and tested with the SKU of 28 Wh battery.

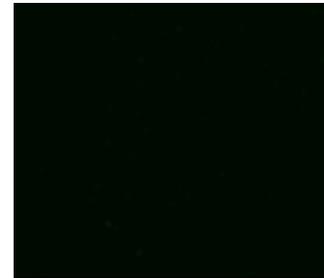
Antimicrobial Corning® Gorilla® Glass 3



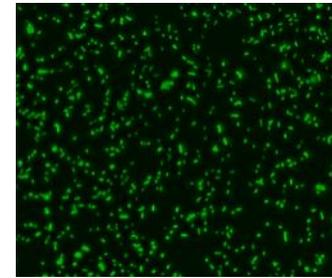
- Acer Switch V 10 is a 2-in-1 detachable notebook that has its touch display protected by Antimicrobial Corning® Gorilla® Glass.
- Cleaner, tougher cover glass made possible by embedded ionic silver that resists the growth of odor and stain causing microorganisms through the lifetime of the touch display.
- Antimicrobial Corning® Gorilla® Glass demonstrates >99.9% microbial reduction rate against a broad range of bacteria under the JIS Z 2801 test protocol*.

*Antimicrobial Corning Gorilla Glass does not claim to protect users or provide any direct or implied health-benefit.

Touch display on Switch V 10 covered with Antimicrobial Corning® Gorilla® Glass



Traditional Soda-Lime Glass



>99.9% microbial reduction rate is observed on Antimicrobial Corning® Gorilla® Glass under lab conditions similar to the JIS Z 2801 test protocol

What else?

Acer SwitchLock™

Want to be sure your data are safe? No issue!

The Switch V 10 features Acer SwitchLock™, which pairs the tablet and the keyboard for an optimum data protection when using the dock's hard drive.



Valid only if you choose the model coming with a functional dock and 500 GB HDD



- Your pad can be the key to unlock your dock's hard drive on Quick Access > Acer SwitchLock™
- Data on the dock's hard drive will be protected. No one can access your data, even if they remove the hard drive from your dock.

- When you detach the pad from the dock, the dock's hard drive is immediately locked.

Acer VisionCare™

Acer VisionCare™ is our promise to provide our customer with the best care of their eyes for entertainment or for work.

Acer Care™ gathers:

Acer LumiFlex™

It optimizes the output of the display under the sunlight to provide a better visibility.

Acer BluelightShield™

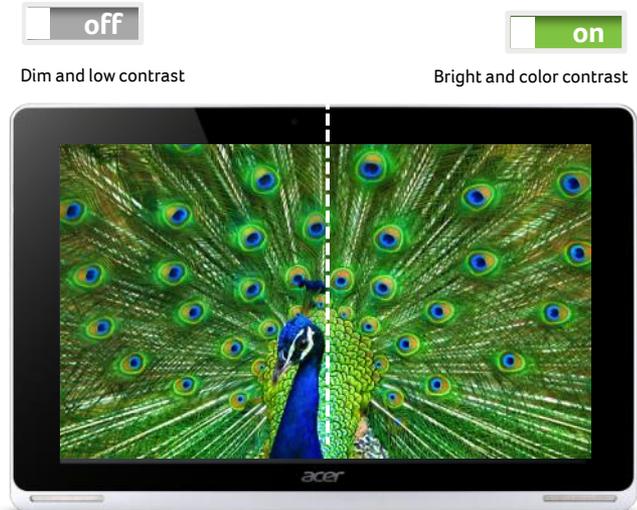
It enables the reduction of the blue-light emission to protect the user's eyes.

See next slides for more details



LumiFlex™

LumiFlex™ is an Acer solution to optimize the visibility of your screen during your outdoor activities.



Dim and low contrast

Bright and color contrast

Acer BluelightShield™

The Switch V 10 features Acer BluelightShield™, an Acer technology enabling the reduction of the blue-light emission to protect the user's eyes.

Acer BluelightShield™ has 4 modes:

Low Reduction:

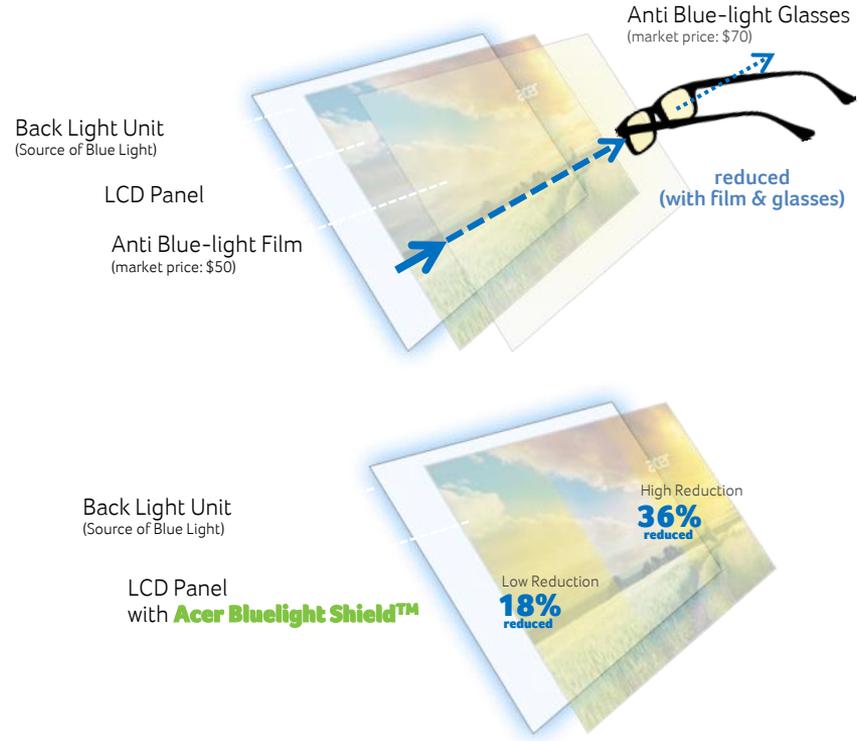
Reduces blue light emission from the LED backlit module by 18% for a basic protection. As effective as a pair of generic anti-blue-light glasses available for \$70.

Mid/High Reduction:

Reduces blue light emission from the LED backlit module by 36% and 54% to better protect users' eyes.

Long Hour Mode:

The display is professionally tuned by optical engineers to reduce eye strain over extended periods.



Product views & Specs

Product view – I/O ports



Keyboards

Standard dock



19.2 mm

- USB 3.0 Type-C Gen 1
- USB 2.0 Type A
- Micro SD card slot
- Audio combo jack

Functional dock



24.5 mm (HDD)

- USB 3.0 Type-C Gen 1
- 2 x USB 2.0 Type A
- Micro SD card slot
- Audio combo jack
- **RJ45**
- 500GB HDD

Main Specs

-  Windows 10 & Windows 10 Pro
-  Intel Atom x5-Z8350
-   10" HD (1280x800) + IPS1 + Antimicrobial Corning® Gorilla® Glass 3
-  Fingerprint reader
-  32/64 GB eMMC (128 TBD)+ 2/4 GB + microSD up to 128 GB
-  Up to 9 hours battery life
-  802.11 ac + BT 4.0 + 2x2 MIMO
-  USB Type-C
-  Front: 2 MP + Rear: 5 MP
-  Aluminium top cover
-  Acer SnapHinge™ 2
-  Precision Touchpad



What's new?



Fingerprint Reader



Antimicrobial
Corning®
Gorilla® Glass

Color Options



¹ All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.

Technical Specifications

Switch V 10 [SW5-017]

Operation System	<ul style="list-style-type: none"> Windows 10 & Windows Pro 	Input & Output	Slim dock (standard configuration) <ul style="list-style-type: none"> USB 3.1 Type C Gen1 supporting high-res display output, data, and power delivery. BT4.1 MicroSD card slot x 1 (pad) Audio combo jack x 1 (pad) USB 2.0 type A x1 (w/ dock)
Display	<ul style="list-style-type: none"> 10" IPS 1280x800 10-point touch Antimicrobial Corning® Gorilla® Glass 3 		Functional dock (with HDD) <ul style="list-style-type: none"> All of the above USB 2.0 type A x2 (w/ dock+ HDD) RJ45 x1 (w/ dock+ HDD)
Processor	Intel Atom x5-Z8350		
Memory	2/4 GB DDR3L	Power & Battery	28Wh, Battery life: 9hrs (HD playback)
Storage	eMMC 32GB / 64GB Optional 500 GB HDD in keyboard dock	Dimensions & Weight	<ul style="list-style-type: none"> 262 x 180 x 9.2mm (pad) 262 x 188 x 9.2+19.2 mm (w/dock) 262 x 188 x 9.2+24.5mm (w/ dock+ HDD)
Audio	2 x speakers		<ul style="list-style-type: none"> 650g (Tablet) 1178g (w/ dock) / 1280 (w/ dock+ HDD)
Camera	<ul style="list-style-type: none"> Front: 1600 x 1200 resolution(720p HD audio/video recording) Rear: 2592 x 1944 resolution(1080p Full HD audio/video recording) 	Windows Key	Physical key
Wireless & Networking	<ul style="list-style-type: none"> 802.11 ac + 2x2 MIMO Bluetooth 4.1 	Security	<ul style="list-style-type: none"> Windows Hello + Fingerprint reader Acer SwitchLock™ (only for SKU with optional 500 GB HDD)

Switch V Evolution

	2015 Aspire Switch 10 V	2016 Switch V 10	Benefits to User
			
Wireless	<ul style="list-style-type: none"> Up to 802.11a/b/g/n Support 2X2MIMO 	<ul style="list-style-type: none"> Up to 802.11ac Support 2X2MIMO 	<ul style="list-style-type: none"> Up to three times faster
Security	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> Windows Hello fingerprint recognition 	<ul style="list-style-type: none"> More convenient and enhanced security
Antimicrobial treatment	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> Antimicrobial Corning® Gorilla® Glass 3 	<ul style="list-style-type: none"> More hygienic
USB3.1 Type-C	<ul style="list-style-type: none"> Data transfer only 	<ul style="list-style-type: none"> Yes 	<ul style="list-style-type: none"> The thin and reversible USB 3.1 Type-C port supports fast data transfer, high resolution display output and device charging
Color options	<ul style="list-style-type: none"> No 	<ul style="list-style-type: none"> Yes – 2 	<ul style="list-style-type: none"> Possibility to choose the color according to personal tastes/lifestyle

THANK YOU