

AirBar by
Neonode Inc

Touch when you need it



Touch the revolution

AirBar is a groundbreaking piece of technology that emits an invisible light field that covers your PC display. Just mount the discrete device right underneath your display and plug in the USB port. When the light field is interrupted – by your fingers, pencils, brushstrokes or virtually anything – the computer interprets this as interactive input.

From non-touch to touch in an instant

This means that with AirBar – if you have a PC running Windows 8 or Windows 10 or ChromeOS, you can turn your non-touch PC into a fully functioning touch enabled PC. Just like that.

Four sizes available from the start

AirBar will be available for notebooks with the screen sizes 13.3”, 14” and 15.6”. AirBar is presented in a distinctive and graphically appealing package that fits snugly to the device. Presented together, the different AirBar sizes cover the needs of most PC users and make any shop feel smarter and brighter just by being there.

AirBar is sleek and weighs very little. It can easily travel with you without weighing you down.

Technology with an edge

AirBar projects an invisible light field on the surface of your display that makes it possible to “touch” the screen and to interact with Windows® 8 and 10 gestures.



Plug and Touch

Attach with the included magnets & plug AirBar into a USB port.



Touch Using Any Object

Your finger, or with gloves, and even a paintbrush.



Enhanced User Experience

Pinch, sweep, zoom and scroll without glare.



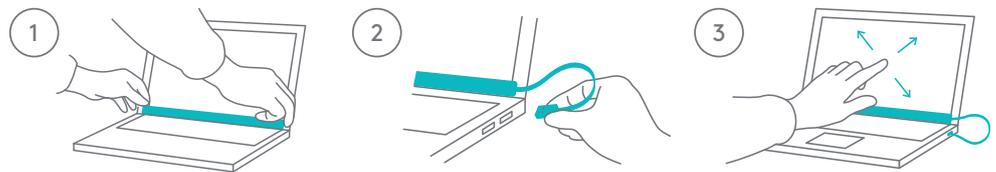
Compatibility

AirBar works with most notebooks running Windows®10, Windows 8.1, or ChromeOS™ operating system.

Q&A

How do I get started?

Attach the magnetic strip as straight as possible right beneath your display. The bar itself latches on magnetically and when you plug in the USB connector it powers on. Then you're free to pinch, sweep, zoom and scroll to your heart's content.



Can I use AirBar on any PC?

AirBar can be used on any PC powerful enough to run Windows 8 or 10. If you already have built-in touchscreen on your PC, AirBar won't work.

Can I leave AirBar plugged in?

Absolutely. Just make sure that you don't fold your laptop shut with AirBar attached. Remove AirBar from the magnets and unplug it before closing your laptop.

Does AirBar work on Mac?

There is only limited functionality on MacBook notebooks right now, but feel free to try if you want to.

Won't AirBar drain my battery – it's plugged into the USB port?

AirBar is extremely energy efficient, and since AirBar's invisible light-field does not interfere with the screen in any negative way, there is no need for increased backlight to sustain a bright image on the screen. So no, AirBar barely makes a dent in your battery.

Tech Specifications

General		Optical	
Input Method	Finger, gloved hand and brush (5mm diameter)	Light Transmission	100 % (nothing is built into the display that limits light throughput on your screen)
Display Size Supported	13.3", 14" and 15.6", with an aspect ratio of 16:9.	Environment	
Size (width x height)	17 x 5 x 373 mm (15.6" version)	Operating/Storage	Consumer or Industrial temperature range from -40°C to +85°C
Resolution	Reporting resolution 65535 x 65535 pixels (USB HID class)	Humidity Operating	0 to 85%, storage: 0 to 95%
Touch Activation Force	No minimum touch activation force is required	Altitude Operating	Operating: ≤5000 m, Storage/Transport: ≤15 km
Response Time	At 100 Hz scanning, 10 ms response time	Electrostatic Protection	15 kV air/8 kV contact discharges
Gesture/Sweep Tracking	At 100Hz scanning, 100 X, Y coordinates per second	Agency Approvals	UL, CE, FCC, IEC60825-1 Class 1
Electrical			
Host interface	USB		
Power consumption	50 mW active, 5mW in standby mode		