![plugable](plugable logo)

Plugable USB2-HUB4BC 4 Port USB 2.0 Hub (12.5W) with BC 1.1 Standard compliant Fast Charging

Features

- USB 2.0 4-port hub with premium 12.5W power supply
- Support for the USB Battery Charging Standard compliant (BC 1.1) specification
- Charges non-BC 1.1 Standard compliant devices at USB 2.0 standard rate: 500mA with computer on
- Charges BC 1.1 Standard compliant devices at up to 3x normal rate (1.5A) on any one port
- See below for our current list of BC 1.1 Standard compliant compatible devices

Description

USB has become more than a way of connecting devices to a computer with plug and play ease and high performance. It has also become the method of choice to power and charge a range of battery-powered devices from headsets to controllers to phones and tablets. Some of those phones and tablets have adopted proprietary mechanisms to draw more power than USB 2.0 was designed to allow – which has caused confusion about charging.

That is being solved by the Battery Charging (BC 1.1) Standard – when both the device and the hub/charger is BC Standard compliant, it can charge at a faster rate (up to 1.5A) in a standard way.

The Plugable USB2-HUB4BC is among the first of USB 2.0 hubs that does everything existing USB hubs do, plus has support for the Battery Charging Standard (BC 1.1). So it's a no-compromise solution for both gaining extra USB ports, and for charging the newer generation of BC Standard compliant devices.

In the package

Learn more

- USB Stock Chargers, Dedicated Multi-Port Chargers, or Charge & Sync Hubs. What's Best for Me?
- Device Charging Rates
- Plugable 4-Port BC 1.1 Charging Hub Video
- Plugable Hub Charges iPhone 5 and iPad Mini Faster than Their Bundled Chargers
- The Windows RT and Surface USB Device Compatibility Story
- Raspberry Pi and Plugable Devices
- UPDATED: Plugable Products

FAQ

USB Charging

Battery charging over USB has become a standard practice but the actual charging behavior of different devices is often unpredictable and sometimes disappointing. The devices themselves decide how much current to draw and manufacturers haven't settled on a single standard. We've been working to test our products with as many different devices as possible and publish the results so it's easy to determine the charging behavior to expect from your device on each of our USB products. These are the results for the devices we've tested on this device so far.

Does Not Charge/Does Not Sync
Does Not Charge/Syncs on Port
Charges/Does Not Sync
Charges/Syncs on Same Port

Charging Rates : USB2-HUB4BC

	MAX of mA with Host Off	MAX of mA with Host On	MIN of Sync?
Acer Iconia W4	1239	1238	1
ASUS T100TA	1189	1165	1
Dell Venue 8 Pro	1264	1301	1
HP Chromebook	878	878	1
HP Touchpad	774	782	1
HTC 8X	972	970	1
HTC HD2	904	876	2
iPad 1 (30pin)	0	0	4
iPad 4 Retina (lightning)	1437	1440	2
iPad Air (lightning)	1193	1420	2
iPad Mini 1 (lightning)	1200	1200	2
iPhone 4 (A1332)	0	340	4
iPhone 5	937	1017	2
iPhone 5s	980	982	2
iPod 4 (30pin)	0	506	1
iPod Classic (120GB)	0	173	1
Kindle Fire	1140	1140	1

USB2-HUB4BC

The "MAX of mA with Host On" is a bit confusing at first glance. The easiest way to understand this is that these values are the maximum reported charging rate (mA) when connected to a computer (host) that is powered on. The "Max of mA with Host Off" is simply the opposite, it is the charging rate (mA) when there is no connected com puter (host) or if the computer is turned off.

Some entries in the charging sheet contain blank spaces for the syncing capabilities, that is because we have not

had a chance to test that device yet for syncing.

Note that some devices, may charge only at slow "trickle charge" rates, and not indicate they are charging. These are shown as a 0 charge rate.

Don't see your device? We also have a list of customer supplied reports on other devices here: plugable.com/support/charging

Still don't see your device? We'd love to hear your experience. Enter your charging results into our charging form and we'll include it in our results data.

Not satisfied with how your devices charge?
Take a look at the USB-MC1 charging adapter. This charging adapter let's you turn any USB port on a powered USB hub or computer into a 1A charging port. The only limitations is that the AC adapter of the powered USB hub needs to be rated for at least 1A for each USB charging adapter. For instance, you won't be able to turn your 10 Port USB 2.0 Hub into a 10 port charging station as the USB hub comes with a 2.5A AC adapter. This means that you can charge at most 2 devices using the USB Charging Adapters, because each adapter will consume 1A leaving .5A for any other devices on the hub.

Is the AC power adapter required?
When the hub's power adapter is not connected, the hub is capable of running purely from bus power (from the host PC). When a hub reports itself as bus powered to the OS, the OS looks in the USB descriptors for every attached device, sees how much power the device reports that it needs reserved for it, and pops up a error (and possibly disables devices) if the total amount of power requested exceeds what a bus-powered hub in theory can count on pulling, which is 500mA for USB 2.0/1.1. We recommend always using the power adapter for best results.

Does the power supply switch for different regions or is it tied to US voltage and frequency?
The switching power adapter with our 4 port hub supports inputs of 100-240V ~ 50/60 Hz 0.5A. Output is 5V 2.5A and comes with a US standard plug. You will not need a power converter as long as the input is within the given ranges. You might need a plug adapter for different regions which is not included.

You can purchase a replacement power adapter here.

What does the blue light mean?
The blue light indicates that the hub is receiving power. To test the AC power supply, connect the hub to only the AC adapter and nothing else. The blue light should be on, if it's not there's something wrong — contact us at support@plugable.com for assistance.

Is there a way to turn off the blue LED bar on the hub?
No, the LED indicates that the device is powered.

Where to Buy

Plugable USB 2.0 4-Port High Speed Hub with 12.5W Power Adapter and BC 1.2 Charging Support for Android, Apple iOS, ...   Product Details
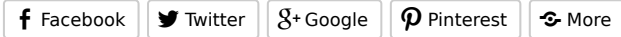
$17.95

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GUSTAVO
FEBRUARY 25, 2014 AT 11:29 AM

Works iwht IPAD 4 before with my laptop the ipad never charge and also works with USB portable monitor ASUS MB168+ before when I connect the monitor my laptop heats a lot because the monitor takes the energy from the usb port , but now this doesnt happened anymore
Amazing product

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