

Compatible Wi-Fi/BT Dongle List

This page is a list of tested compatible dongles for Batocera and their tested platform. If your dongle is not listed, it doesn't mean it won't work, just that it hasn't been formally tested yet.

In general, unbranded "clone" dongles, ones that don't explicitly state as supporting Bluetooth Low Energy (BLE) and BT 5.0 have the lowest chance of working. Branded dongles, with support for 4.0 or 2.0 Bluetooth, that explicitly state that they support BLE have the highest chance of working. Of course, there's always a chance that the BT dongle will/won't work irrelevant of these qualifications. With unbranded ones, there's a chance that they just don't have the specifications they list anyway (just because it says it has the same chipset as a tested dongle may not actually guarantee that or that it will work, but it will have a higher chance than one with a different chipset altogether).



If you were looking to troubleshoot your wireless dongle instead, check out both the [Wi-Fi](#) and [Bluetooth](#) sections on the troubleshooting page respectively.

If you know of another model that is not listed here, please let the moderators on [Discord](#) know, or drop a note on the [forum](#). Thank you!

Tested on PC (x86_64)

Wi-Fi

- [ThinkPenguin TPE-N150USB Penguin Wireless N USB Adapter for GNU / Linux](#) the only properly supported USB WiFi adapter with an AR9271 chip designed for Linux with broad support across distributions on the market today, works with at least Batocera **v29 and later**



- [TP-Link AC600 Nano Wireless USB Adapter Archer T2U Nano](#) support added in Batocera **v36**



- [TP-Link TL-WN725N](#)



- ItemRosewill RNX-N150UBE - Tested on a USB 2.0 port



- [Linksys WUSB54GC](#)



- [Realtek mini 8188](#) - Tested on a USB 2.0 port



- Odroid Module 0 (MediaTek/Ralink RT5370N chipset)



- Panda Wireless PAU05 300Mbps



- Panda Wireless Ultra Wifi (b/g/n) 150Mbps



- TEROW 300 Mbps USB WiFi Adapter/USB2.0 wireless network card



- [Tenda U12 USB 3.0 Wi-Fi](#)



Bluetooth

- [ThinkPenguin TPE-USBBLUV4 Penguin USB Bluetooth 4.0 Micro Adapter](#) one of the few USB bluetooth adapters with a genuine CSR8510 chip that is properly supported in Linux and broadly supported across all distributions, works with at least Batocera **v29 and later**



- [Volans VL-BT50 Bluetooth 5.0 Nano USB Adapter](#)



- [EVEO Bluetooth Adapter for PC 5.1](#)



- CSR4.0 (BT 4.0)



- Sabrent BT 4.0 - USB 2.0 port only



- UGREEN Bluetooth V4.0 Nano



- 8bitdo wireless USB adapter - Not a BT dongle per se, but connects a single compatible BT controller and simulates being a wired Xbox 360 controller (or a generic D-input pad) to the host computer



- [BIGBIG WON Wireless Bluetooth Adapter](#) - Not a BT dongle per se, but connects a single compatible BT controller and simulates being a wired D-input controller to the host computer



- TP-Link UB400 Bluetooth 4.0 Nano USB Adapter



- [TP-Link UB500 Bluetooth 5.0 Nano USB Adapter](#)



- [ASUS BT400 USB Adapter](#)



- [ASUS BT500 USB Adapter](#) - USB 2.0 port only



- [ORICO USB Bluetooth Adapter 4.0 \(BTA-403\)](#)



- HOCO UA18 USB Wireless BT 5.0 Adapter



- [Cable Matters USB Bluetooth 4.0 Adapter](#)



- [Trust Bluetooth 4.0 Adapter](#)



- [EkoBuy Nano Bluetooth 4.0 USB Adapter](#)



Wi-Fi + Bluetooth

- [Edimax 2-in-1 Wi-Fi + Bluetooth Combination Adapter EW-7611ULB](#)



- [Edimax EW-7611UCB AC600 Dual-Band Wi-Fi + Bluetooth adapter](#)



Support added in Batocera **v35**.

- [Wireless 11N USB Adapter Wi-Fi 2.4GHz Bluetooth 4.0 RTL8723BU 802.11b/g/n WLAN Adapter](#)



- [EDUP USB Bluetooth 4.2 WiFi Adapter AC 600Mbps](#)



PCI-E cards

Here is the list of PCI-E cards that have been tested with Batocera.



This list is more tentative, as obviously there are too many PCI-E cards to properly test them all. It's best to assume that all modularly designed PCI-E network cards work out of the box, with the only exception being bleeding-edge cards or ones that use brand new technologies.



A list of Linux-compatible (not necessarily Batocera-compatible, but should be) Intel PCI-E cards can be found at <https://www.intel.ca/content/www/ca/en/support/articles/000005511/wireless.html>

- [ThinkPenguin TPE-N300PCIED3 Penguin Wireless N Dual-Band PCIe Card for GNU / Linux Full Height Card](#) utilizes one of the best PCIE Atheros WiFi chips that is also properly supported and so very popular on Linux, works with at least v29 and later



- [ThinkPenguin TPE-N300PCIED2 Penguin Wireless N Dual-Band PCIe Card for GNU / Linux Low Profile Card](#) utilizes one of the best supported PCIE Atheros WiFi chips that is also properly supported and so very popular on Linux, works with at least v29 and later



- [Ubit WIE7265 Dual-Band Wi-Fi card adapter \(1730 Mbps\) + Bluetooth 5.0](#)



- [WISE TIGER WT-AC9636GS](#)



Main chip: Intel AX200.

- [EDUP WiFi 6E AX210 PCIe Network Card Bluetooth 5.2](#)



Tested on Odroid Go Advanced-based images

Wi-Fi

- Odroid Module 0 (MediaTek/Ralink RT5370N chipset)



- [TP-Link TL-WN725N](#)



- Edimax EW-7811Un



- Edimax EW-7612UAn V2



- UGREEN CM448 WiFi Adapter 650Mbps 5Ghz 2.4GHz Dual-Band USB



Wi-Fi + Bluetooth

These dongles are interesting because they let you use Wi-Fi and Bluetooth with a same dongle. If you have many USB ports it's not important, but on OGA where there is only one, it's the best choice. Don't forget you can play two players if plug a second controller on your OGA (via USB or supported BT dongle).

- [ZEXMTE USB Wifi+Bluetooth](#)



Main chip: RTL8723BU - BT4.0 dongle adapter, 150Mbps wireless WiFi network LAN card + Bluetooth V4.0 adapter for laptop desktop PC (working channels: 1-14)

- [Edimax 2-in-1 Wi-Fi + Bluetooth Combination Adapter EW-7611ULB](#)



Tested on Odroid N2-based images

Wi-Fi

- Realtek mini 8188 - Tested on a USB 2.0 port



- Odroid Module 0 (MediaTek/Ralink RT5370N chipset)



- [Odroid Module 5BK](#) (Realtek RTL8821CU)



Bluetooth

- CSR4.0 (BT 4.0)



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