

Bluetooth Nano USB Adapter

Model: MA5B

Highlights

- Faster Speeds[†]
- Further Coverage[†]
- Support Windows 11/10/8.1/7[‡]
- Backward Compatibility for Bluetooth



Features



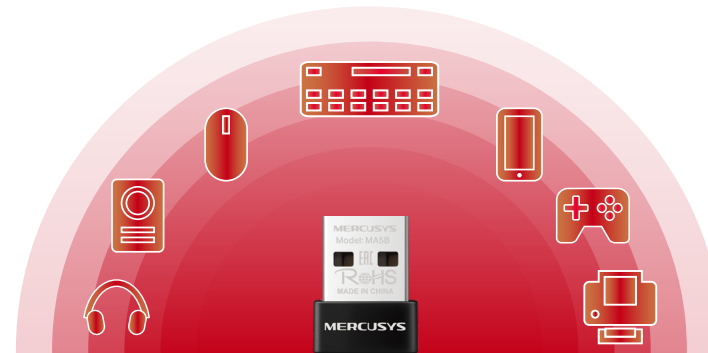
Faster and Further Bluetooth 5.4

- MA5B makes your PC Bluetooth-capable with ultra-fast Bluetooth 5.4 which achieves more stable connection, farther range and faster transmission speeds. Just connect your Bluetooth devices to your computer and enjoy with ease.[†]



Reliability

- Versatile Wireless Connectivity – Enable wireless communication with Bluetooth-enabled computers, printers, phones, headsets, speakers, keyboards and more
- BLE Technology – Bluetooth Low Energy technology for energy-saving wireless connectivity
- Broad Operation Range – Enjoy stable connection via your Bluetooth headset with a transmission distance of up to 20m in open space (Open and undisturbed space)



Specifications

Hardware

Standard	Signal Rate:	Interface	Dimensions (W x D x H)
Bluetooth 5.4†	2402-2480 MHz	USB-A	19.15 × 14.94 × 7.19 mm (0.75 × 0.59 × 0.28 in.)

Others

Package Contents

Bluetooth Nano USB Adapter (MA5B)
Quick Installation Guide

System Requirements

Windows 11/10/8.1/7 (32/64 bit)*

Environment

Operating Temperature: 0°C~40°C (32°F ~104°F)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~90% non-condensing

For more information, please visit www.mercusys.com.
Specifications are subject to change without notice. All brands and product names are trademarks or registered trademarks of their respective holders. Copyright © 2025 MERCUSYS. All rights reserved.
†Several new features are introduced in the Bluetooth Core Specification 5.0, 5.3 and 5.4 Release, including 2× faster speed and 4× broader coverage compared with Bluetooth 4.2.
*Functionality may be restricted on some operating systems and platforms. To ensure compatibility, you may need to update the adapter's drivers after an OS update. You can find our latest drivers in the download center at <https://www.mercusys.com/en/product/details/ma5b/>.