ComX Computers
Product Specification Sheet

NET-MER-MA14H

Mercusys MA14H AX300 High Gain Wi-Fi 6 USB Adapter

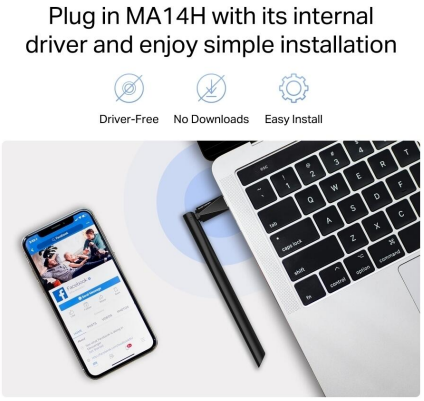
Product Overview

Mercusys MA14H AX300 High Gain Wi-Fi 6 USB Adapter, 2.4GHz Frequency, USB 2.0 interfaces, 1 external high Performance antenna, Up to 287 Mbps speeds











Specifications

Overview Summary:

The Mercusys MA14H AX300 High-Gain Wi-Fi 6 USB Adapter delivers reliable, high-speed internet directly to your PC. With speeds up to 287 Mbps on the 2.4GHz band and a high-performance antenna, it boosts your wireless coverage and ensures stable connectivity. Easy plug-and-play setup makes it compatible with Windows 11/10/7 and Linux systems. Upgrade your device today and enjoy smoother online experiences-buy now and enhance your Wi-Fi instantly.

Compact and versatile, the MA14H allows you to rotate its multi-directional antenna to optimize reception. Whether for streaming, online gaming, or working from home, it provides fast, uninterrupted connectivity. Shop now to maximize your home network with this affordable, high-speed USB adapter.

Performance tier: High

Uses:PC internet upgrade, streaming, gaming, remote work, wireless connectivity

Overview:

Mercusys MA14H AX300 High-Gain Wi-Fi 6 USB Adapter
Upgrade your computer's wireless capabilities with the Mercusys MA14H AX300 High-Gain Wi-Fi 6 USB Adapter. Designed to deliver faster, more reliable connectivity, this compact USB adapter transforms standard devices into Wi-Fi 6-ready machines. With speeds up to 287 Mbps and an adjustable high-gain antenna, it ensures smooth streaming, gaming, and browsing across larger areas. Installation is straightforward thanks to the pre-loaded internal driver, and it supports both Windows and Linux systems for versatile use.

Description:

The MA14H AX300 combines speed, stability, and coverage in a single USB adapter. It boosts wireless performance with a high-gain, multi-directional antenna that extends your router's range and strengthens signal reception. Users benefit from 1024-QAM technology for faster data rates, MU-MIMO support for multiple device connections, and easy plug-and-play setup on Windows. Linux users can also install the latest drivers from Mercusys for seamless compatibility. Compact yet powerful, the MA14H is ideal for upgrading laptops or desktops without replacing internal hardware.

Features:

Seamless Wi-Fi 6 Performance
Experience improved speeds and reduced lag with Wi-Fi 6 technology. The MA14H provides up to 287 Mbps on 2.4 GHz networks, significantly outperforming older N150 adapters. Its high-speed connectivity is ideal for HD video streaming, online gaming, and uninterrupted video calls.

Extended Coverage with High-Gain Antenna
The external high-gain antenna enhances signal reach and stability. Adjustable in multiple directions, it allows users to optimize performance based on room layout and environmental conditions. This flexibility ensures better coverage and stronger connections throughout your home or office.

Easy Installation
The MA14H comes with a pre-loaded internal driver for Windows, allowing plug-and-play use without additional downloads. Linux users can access drivers from the Mercusys official website for hassle-free setup. This setup approach simplifies installation while maintaining compatibility with multiple operating systems.

System Compatibility

- Windows 11, 10, 7 (32/64 bit)
- Linux Kernel 3.10 and later

Technical Highlights

- Wireless Standards: IEEE 802.11ax, 802.11n, 802.11g, 802.11b
- Frequency: 2.4 GHz
- Maximum Speed: Up to 287 Mbps
- Reception Sensitivity: 11g 6M: -95dBm, 11ax HE40 MCS9: -68dBm, 11ax HE40 MCS0: -92dBm
- Security: WPA-PSK/WPA2-PSK, WPA/WPA2
- Interface: USB 2.0
- Antenna: 1 External High-Performance, Adjustable Multi-Directional Antenna
- Dimensions: 57.8 x 16.8 x 173.4 mm (2.28 x 0.66 x 6.83 in)

Package Includes

- AX300 High-Gain Wi-Fi 6 Wireless USB Adapter (MA14H)
- Quick Installation Guide

With the Mercusys MA14H, enjoy enhanced wireless speed, extended coverage, and effortless setup, making it the perfect solution to upgrade your PC or laptop for modern Wi-Fi demands.

Specifications:

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Specifications	
Product Code	NET-MER-MA14H
Wireless	
Wireless Standards	IEEE 802.11ax, IEEE802.11n, IEEE802.11g, IEEE802.11b
Frequency	2.4 GHz
Signal Rate	Up to 287 Mbps on 2.4 GHz
Reception Sensitivity	2.4 GHz:
	11g 6M: -95dBm
	11ax HE40 MCS9: -68dBm
	11ax HE40 MCS0: -92dBm
Wireless Security	WPA-PSK/WPA2-PSK, WPA/WPA2
Hardware	
Dimensions (W X D X H)	57.8 x 16.8 x 173.4 mm
	(2.28 x 0.66 x 6.83 in)
Interfaces	USB 2.0
Antenna Type	1 External High Performance Antenna
Others	

Package Contents	AX300 High-Gain Wi-Fi 6 Wireless USB Adapter (MA14H)
	Quick Installation Guide
System Requirements	Windows 11/10/7 and Linux (Kernel 3.10 and later)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx.co.za/NET-MER-MA14H-Mercusys-MA14H-AX300-High-Gain-Wi-Fi-6-USB-Adapter-p-336186.php

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