ComX Computers
Product Specification Sheet

NET-MER-MA12N

Mercusys MA12N N300 Wireless USB Dongle

Product Overview

Mercusys MA12N N300 Wireless USB Dongle, 300 Mbps on 2.4GHz, USB 2.0 Interface, Internal antenna











Specifications

Overview Summary:

Experience reliable wireless connectivity with the Mercusys MA12N N300 Wireless USB Dongle. This ultra-compact adapter offers 300 Mbps speed on 2.4GHz, making it ideal for browsing, streaming, and online communication. Simply plug it into your Windows 10 or 11 device and enjoy instant wireless access-no setup or CD required. Its nano size ensures it stays discreet and convenient whether at home or on the go. Buy now to enhance your Wi-Fi experience effortlessly.

Shop the MA12N today for fast, secure, and portable Wi-Fi. Its enhanced WPA3 security keeps your network protected, while the tiny design allows you to leave it plugged in without obstruction. Perfect for turning any compatible computer into a wireless-ready device.

Performance tier: Standard Tier

Uses: Home internet, online streaming, video calls, web browsing, small office setups, travel connectivity

Overview:

MA12N N300 Wireless Nano USB Adapter
The Mercusys MA12N offers a compact and convenient way to connect your devices to a fast, reliable wireless network. Its ultra-small design ensures that it barely protrudes from your USB port, making it perfect for both home use and travel. With 300 Mbps speed on the 2.4 GHz band, this nano USB adapter provides seamless connectivity for browsing, streaming, and online work without complicated setup. Designed to work with Windows 11 and 10, it supports the latest security protocol WPA3, ensuring your personal data stays protected.

Description:

The MA12N N300 Wireless USB Adapter delivers high-speed wireless internet in a miniature package. Plug and play functionality allows instant connectivity without additional software. Its internal antenna ensures stable reception, while the tiny form factor lets it remain discreetly attached to your device. With support for the latest WPA3 security, it offers advanced protection for your network activities. Perfect for upgrading desktops or laptops without built-in Wi-Fi, this adapter combines performance, portability, and security.

Features:

Ultra-Compact Design for Easy Use
Measuring just 26.9 x 16.1 x 7.6 mm, the MA12N is much smaller than a standard USB flash drive. Its nano size makes it ideal for leaving plugged into your device without worrying about it getting damaged or lost. The adapter is lightweight and portable, so you can carry reliable wireless connectivity wherever you go.

Seamless Plug and Play Setup
No need for complex installations or CDs. With Windows' built-in inbox driver, simply plug the MA12N into a USB port and get instant access to your wireless network. This ensures a hassle-free experience for both home and office use.

High-Speed Wireless Performance
Supporting speeds up to 300 Mbps on the 2.4 GHz band, the MA12N provides smooth internet performance for streaming, video calls, and web browsing. Its reliable connectivity reduces interruptions and keeps your online activities flowing.

Advanced Security Protection
Equipped with WPA, WPA2, and WPA3 protocols, the MA12N enhances your wireless security. The latest WPA3 standard ensures stronger password protection and safer network access for personal or professional use.

Compatible with Windows Systems
This nano USB adapter fully supports Windows 11 and 10 (32/64-bit), making it a versatile solution for various devices.

Whether upgrading an older laptop or adding Wi-Fi capability to a desktop, the MA12N delivers reliable wireless connectivity.

Technical Highlights

- Wireless Standard: IEEE 802.11 b/g/n
- Frequency: 2.4 GHz
- Maximum Speed: 300 Mbps
- Reception Sensitivity: 270M: -62dBm@10% PER, 130M: -65dBm@10% PER, 108M: -68dBm@10% PER, 54M: -68dBm@10% PER, 11M: -85dBm@8% PER, 6M: -88dBm@10% PER, 1M: -90dBm@8% PER
- Security: WPA/PSK, WPA2-PSK, WPA3-SAE
- Interface: USB 2.0
- Antenna: Internal
- Package Includes: MA12N Wireless Nano USB Adapter, Quick Installation Guide

Specifications:

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Specifications	
Product Code	NET-MER-MA12N
Wireless	
Wireless Standards	IEEE 802.11 b/g/n
Frequency	2.4 GHz
WiFi Speeds	300 Mbps on 2.4 GHz
Reception Sensitivity	2.4GHz:
	270M: -62dBm@10% PER
	130M: -65dBm@10% PER
	108M: -68dBm@10% PER
	54M: -68dBm@10% PER
	11M: -85dBm@8% PER
	6M: -88dBm@10% PER
	1M: -90dBm@8% PER
Wireless Security	WPA/PSK, WPA2-PSK, WPA3-SAE
Hardware	
Dimensions	26.9 x 16.1 x 7.6 mm (1.06 x 0.63 x 0.30 in)
Interfaces	USB 2.0
Antenna Type	Internal Antenna
Others	
Package Contents	N300 Wireless Nano USB Adapter (MA12N)
	Quick Installation Guide
System Requirements	Windows 11/10 (32/64-bit)

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-MA12N-Mercusys-MA12N-N300-Wireless-USB-Dongle-p-333632.php

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