ComX Computers
Product Specification Sheet

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:

The Mercusys MA12N N300 Wireless USB Dongle is a compact and convenient solution to upgrade any compatible device with reliable Wi-Fi connectivity. With its ultra-small nano design, it easily plugs into your computer's USB port and delivers fast 300 Mbps wireless speeds on 2.4GHz networks. Designed for Windows 11 and 10, this adapter offers effortless plug-and-play installation and enhanced WPA3 security to keep your connection safe. Buy now and enjoy seamless wireless performance at home or on the go.

Perfect for home networking, casual streaming, or connecting devices without built-in Wi-Fi, the MA12N ensures you stay connected without the bulk of traditional adapters. Shop now to add this tiny yet powerful adapter to your setup.

Performance tier: Entry-level

Uses: Home networking, streaming, browsing, online gaming, laptop connectivity

Overview:

Mercusys MA12N N300 Wireless USB Dongle - Reliable Compact Connectivity
The Mercusys MA12N N300 Wireless USB Dongle provides a simple and efficient solution for turning your desktop or laptop into a high-speed wireless device. Designed for ease of use, this nano-sized adapter delivers 300 Mbps Wi-Fi speed on the 2.4 GHz band and supports the latest Windows operating systems. Its plug-and-play setup eliminates complex installations, making it a convenient choice for both home and travel. With enhanced WPA3 security, the MA12N ensures safe and reliable connections for browsing, streaming, and online work.

Description:

The MA12N N300 Wireless Nano USB Adapter combines compact design with strong wireless performance. Its ultra-small footprint makes it easy to carry and leave plugged into your device without interference. Users benefit from fast 2.4 GHz Wi-Fi speeds of up to 300 Mbps, while the internal antenna ensures consistent signal reception. Installation is effortless with Windows' built-in drivers, and advanced WPA3 security protects your network. The adapter is ideal for anyone seeking a portable, high-performance solution for wireless connectivity.

Features:

Compact Design for Everyday Use
The MA12N's miniature size is smaller than a standard USB flash drive, allowing it to remain discreetly attached to your computer. It's perfect for tight workspaces or on-the-go setups, providing stable wireless access without bulky hardware.

Easy Setup and Operation
Plug the adapter into a USB 2.0 port, and Windows automatically recognizes it. There's no CD or complicated configuration needed, so you can enjoy fast wireless internet almost instantly.

Performance and Compatibility

- Wireless Standards: IEEE 802.11 b/g/n
- Frequency: 2.4 GHz
- Wi-Fi Speeds: Up to 300 Mbps on 2.4 GHz
- Compatible with Windows 11 and 10 (32/64-bit)
- Security: WPA/PSK, WPA2-PSK, WPA3-SAE for enhanced protection

Technical Details

- Dimensions: 26.9 x 16.1 x 7.6 mm
- Interface: USB 2.0

- Antenna: Internal
- Reception Sensitivity: Optimized for multiple speed tiers to ensure stable connections in different environments

What's in the Package

- N300 Wireless Nano USB Adapter (MA12N)
- Quick Installation Guide

The Mercusys MA12N N300 adapter delivers portable, high-speed wireless connectivity in a sleek, compact design, making it ideal for users seeking a practical and secure Wi-Fi solution.

Specifications:

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Specifications	
Product Code	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-computers.co.za/MA12N-Mercusys-MA12N-N300-Wireless-USB-Dongle-p-334313.php

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