ComX Computers
Product Specification Sheet

MA20N

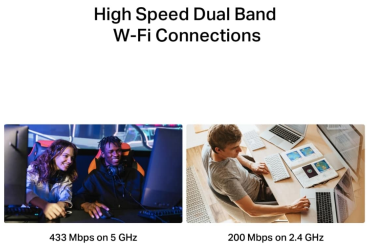
Mercusys MA20N AC650 Nano Wireless Dual Band USB Adapter

Product Overview

Mercusys MA20N AC650 Nano Wireless Dual Band USB Adapter delivers fast and secure dual-band Wi-Fi in an ultra-compact nano design. Easy to install with built-in Windows drivers, it's perfect for browsing, streaming, or working from home.











Specifications

Overview Summary

The Mercusys MA20N AC650 Nano Wireless Dual Band USB Adapter is the ideal solution for fast, reliable wireless connectivity. With dual-band support, compact nano design, and WPA3 security, this adapter makes it easy to upgrade your PC or laptop to high-speed Wi-Fi in seconds. Whether you're browsing, streaming, or gaming, this adapter has the bandwidth and stability you need.

Engineered for plug-and-play simplicity, the MA20N comes with built-in driver support for Windows 10 and 11. Its miniature size means it fits discreetly into your device's USB port without protruding or getting in the way. Enjoy smooth internet performance without bulky hardware.

Performance tier: Entry-Level to Mid-Range

Uses: Web browsing, video streaming, email, casual gaming, home office

Features

The MA20N adapter combines convenience and performance with a sleek nano design and advanced features:

- Dual Band Wi-Fi Speed: Enjoy speeds up to 433 Mbps on 5 GHz and 200 Mbps on 2.4 GHz for smooth streaming and browsing.
- Plug and Play: No configuration required thanks to built-in Windows drivers - just plug in and go.
- Nano Size: Ultra-compact design that stays plugged in without obstructing nearby ports or getting lost.
- Enhanced Security: Latest WPA3 security ensures improved password protection and privacy.
- Windows Compatibility: Fully supports Windows 10 and 11, both 32-bit and 64-bit versions.

High Speed Dual Band Wi-Fi Connections
The MA20N combining 200 Mbps on 2.4 GHz (perfect for surfing and emailing) and 433 Mbps on 5 GHz (ideal for HD streaming and gaming), so that you have the flexibility to allocate your devices to dedicated networks to do more at the same time.

Miniature Size
With its ultra-compact design, the MA20N is extremely convenient for use both at home and on the road. All you need to do is connect this miniature adapter to a computer's USB port. You can then leave it plugged in without worrying about it falling out or getting lost.

Plug and Play, No More Configuration
With the built-in inbox driver by Windows operation systems, you just need to plug the MA20N into the computer and then enjoy the fast wireless network in seconds.

Compatible with Windows Operating System
MA20N fully supports the latest Windows 11.

What's in the Box

- AC650 Nano Wireless Dual Band USB Adapter (MA20N)
- Quick Installation Guide

Specifications:

© 2025 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (http://www.comx.co.za), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Specifications	
Product Code	MA20N
Wireless	
Wireless Standards	IEEE 802.11ac, IEEE 802.11a
	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Frequency	5 GHz
	2.4 GHz
WiFi Speeds	Up to 433 Mbps on 5 GHz
	Up to 200 Mbps on 2.4 GHz
Reception Sensitivity	5GHz:
	11a 6Mbps: -95dBm
	11a 54Mbps: -78 dBm
	11ac VHT20 MCS8: -72 dBm
	11ac VHT40 MCS9: -68.5dBm
	11ac VHT80 MCS9: -64.5 dBm
	2.4GHz:
	11g 6Mbps: -95.5 dBm
	11g 54Mbps: -79 dBm
	11n HT20 MCS7: -76 dBm
	11n HT40 MCS7: -74 dBm
Wireless Security	WPA/PSK, WPA2-PSK, WPA3-SAE
Hardware	
Dimensions	14.94 x 7.19x 19.15mm
Interfaces	USB 2.0
Antenna Type	1 Internal Antenna
Others	
Package Contents	AC650 Nano Wireless Dual Band USB Adapter (MA20N)
	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/MA20N-Mercusys-MA20N-AC650-Nano-Wireless-Dual-Band-USB-Adapter-p-326209.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-11 23:12:51.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.