ComX Computers
Product Specification Sheet

NET-MER-MA20N

Mercusys MA20N AC650 Nano Wireless Dual Band USB Dongle

Product Overview

Mercusys MA20N AC650 Nano Wireless Dual Band USB Dongle, Up to 433 Mbps on 5GHz, Up to 200 Mbps on 2.4GHz, USB 2.0 interfaces, 1 internal antenna











Specifications

Overview Summary:

Experience high-speed wireless connectivity with the Mercusys MA20N AC650 Nano USB Adapter, perfect for users in South Africa seeking reliable internet for work, streaming, or gaming. Its dual-band support delivers up to 433 Mbps on 5 GHz for HD streaming and gaming, and 200 Mbps on 2.4 GHz for smooth browsing and emails. Compact and portable, it easily fits into any USB port and supports Windows 10 and 11 with plug-and-play convenience. Buy now and enjoy secure connections with WPA3 encryption.

Shop now to upgrade your PC's wireless capabilities with this miniature yet powerful adapter. Its small footprint ensures it stays connected without protruding, making it ideal for both home and on-the-go use.

Performance tier: High

Uses:HD streaming, online gaming, web browsing, emailing, video calls, wireless internet connectivity

Overview:

MA20N AC650 Nano Wireless USB Adapter for Fast and Reliable Connections
Experience seamless internet connectivity with the Mercusys MA20N AC650 Nano Wireless Dual Band USB Adapter. Designed for both home and mobile use, this compact adapter delivers fast dual-band Wi-Fi performance, making it ideal for streaming, gaming, and everyday browsing. Its plug-and-play design and Windows compatibility ensure effortless setup, while advanced security keeps your network safe.

Description:

The MA20N AC650 Nano Wireless USB Adapter offers dual-band speeds of up to 433 Mbps on 5 GHz and 200 Mbps on 2.4 GHz, providing strong and stable connections for all your devices. Its ultra-compact size allows it to remain discreetly plugged into your computer without getting in the way. Equipped with WPA3 security, it protects your personal data while supporting the latest Windows operating systems. This adapter is perfect for users seeking a small, high-speed, and easy-to-use wireless solution.

Features:

High-Speed Dual-Band Wireless Performance
Enjoy fast internet with dedicated networks for different tasks. The 5 GHz band provides speeds up to 433 Mbps, ideal for HD streaming and online gaming, while the 2.4 GHz band offers 200 Mbps, perfect for browsing, emailing, and casual use. Dual-band support ensures smoother multitasking across all connected devices.

Compact Design for Maximum Convenience
The ultra-small MA20N fits easily into any USB port and can remain plugged in without risk of damage or loss. Its compact dimensions make it perfect for travel or home setups, offering a neat, unobtrusive wireless solution.

Easy Plug-and-Play Setup
No drivers or CDs required. Simply connect the MA20N to a computer running Windows 10 or 11 and enjoy instant wireless access. The adapter's built-in inbox driver ensures a smooth and quick setup process.

Enhanced Network Security
Keep your connections safe with the latest WPA3 encryption, providing advanced protection for personal passwords and sensitive data.

Windows Compatibility

Fully compatible with Windows 10 and Windows 11 (32/64-bit), the MA20N supports a wide range of devices, allowing for flexible and reliable wireless connections.

Technical Details

- Wireless Standards: IEEE 802.11ac, 802.11a, 802.11n, 802.11g, 802.11b
- Frequency: 5 GHz and 2.4 GHz
- Signal Rate: Up to 433 Mbps on 5 GHz, Up to 200 Mbps on 2.4 GHz
- Reception Sensitivity: 5GHz: 11a 6Mbps: -95dBm, 11a 54Mbps: -78dBm, 11ac VHT20 MCS8: -72dBm, 11ac VHT40 MCS9: -68.5dBm, 11ac VHT80 MCS9: -64.5dBm; 2.4GHz: 11g 6Mbps: -95.5dBm, 11g 54Mbps: -79dBm, 11n HT20 MCS7: -76dBm, 11n HT40 MCS7: -74dBm
- Wireless Security: WPA/PSK, WPA2-PSK, WPA3-SAE
- Dimensions: 14.94 x 7.19 x 19.15 mm
- Interface: USB 2.0
- Antenna Type: Internal
- Package Contents: AC650 Nano Wireless Dual Band USB Adapter (MA20N), Quick Installation Guide
- System Requirements: Windows 10/11 (32/64-bit)

Specifications:

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Specifications	
Product Code	NET-MER-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
Signal Rate	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 (W X D X H)	14.94*7.19*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/NET-MER-MA20N-Mercusys-MA20N-AC650-Nano-Wireless-Dual-Band-USB-Dongle-p-333636.php

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