AX1800 **Nano**
WiFi USB ADAPTER

Upgrade to WiFi 6 instantly

The MSI AX1800 Nano WiFi USB Adapter can boost your PC/laptop WiFi speeds up to 1201 Mbps on the 5GHz band and up to 574Mbps on the 2.4GHz band. With WiFi 6, latency and congestion is reduced in high density environments thanks to OFDMA and MU-MIMO technology that meets the needs for gaming and streaming connectivity.

Compact size, WiFi on-the-go

With its compact size, the AX1800 Nano WiFi USB adapter is perfect for on-the-go connectivity. Whether you're at a cafe, commuting, or on a trip, you can easily stay connected to WiFi anytime, anywhere.

Easy to install

The AX1800 Nano WiFi USB adapter comes with a built-in driver. Users only need to insert it into a PC or laptop, then get WiFi with a few clicks.

WPA3 WiFi security

The MSI AX1800 Nano USB adapter utilizes the latest WPA3 encryption, enhancing security and protecting your privacy from potential attacks, providing you with added peace of mind.
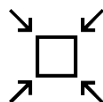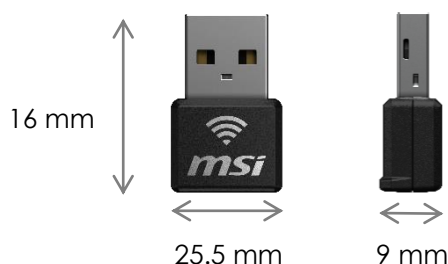
WI-FI 6

Upgrade your laptop/PC to WiFi 6 and experience faster speeds with less congestion

Transfer speeds up to 1201 Mbps on the 5 GHz band and 574 Mbps on the 2.4 GHz band

Lower latency for gaming and streaming connectivity with OFDMA and MU-MIMO

Compact adapter size is easy to carry and easy to store

Easy to setup with built-in driver installer for Windows 10/11

Advanced security with WPA3 encryption adds more protection to your network

16 mm

25.5 mm   9 mm

SPECIFICATIONS

Technical Specifications

WiFi standards
- WiFi 6 (802.11ax)
- WiFi 5 (802.11ac)
- WiFi 4 (802.11n)
- 802.11g
- 802.11b
- 802.11a

WiFi speed
- 2.4GHz AX: 2x2(Tx/Rx) 1024/256-QAM 20/40MHz, up to 574Mbps
- 5GHz AX: 2x2(Tx/Rx) 1024/256-QAM 20/40/80MHz, Up to 1201 Mbps

WiFi encryption
- WPA-PSK
- WPA2-PSK (Personal/ Enterprise)
- WPA3-PSK (Personal/ Enterprise)

WiFi Features
- MU-MIMO
- OFDMA
- 1024-QAM
- Beamforming

Antenna
- 2x dual band antenna

System Requirements

Interface
- USB 2.0

Supported OS
- Windows 10 / 11

Physical Specifications

Dimensions
Item
- 25.5 x 16 x 9 mm / 1.00 x 0.63 x 0.35 inch

Package
- 90 x 90 x 25 mm / 3.54 x 3.54 x 0.98 inch

Weight
Item
- 4 g / 0.4 oz

Package
- 37 g / 1.30 oz

Package Contents

- AX1800 Nano WiFi USB Adapter (GUAX18N)
- Quick start guide