

Linksys Velop[®] Micro 7 Mesh

LN1601 | LN1602 | LN1603

Small Size with the Power of WiFi 7

- Dual-Band WiFi 7 speeds
- No WiFi Dead Zones
- Multi-Gig Internet Capable
- Beautifully Simple Design
- No App
- No Personal Data
- Instant-Install



PERFORMANCE SUMMARY



HARNESS THE POWER OF WiFi 7

With speeds 1.8 X faster than WiFi 6,** WiFi 7 delivers seamless 4K streaming, lag-free gaming, and lightning-fast downloads, while conserving your device's battery life.



GOODBYE DEAD ZONES

Get seamless, high-speed WiFi coverage up to 200 m² (2,200 ft²)* per Node, providing powerful connections without buffering or drops. Add Nodes to extend your coverage even further.



MULTI-GIG SPEEDS

Built-in 2.5G auto-sensing Internet/LAN port optimized for Multi-Gig internet plans.



SMALL & STYLISH

The small, elegantly styled Node can be placed out in the open — ensuring the best WiFi performance.



NO PERSONAL DATA COLLECTED

Your privacy is our priority. Set up your network without sharing personal info or creating an account. We'll never track browsing data, app usage, or online activity.



INSTANT-INSTALL

Set up your WiFi in three simple steps with Linksys Now Instant-Install—no app, no account, and no personal info needed. Expanding coverage? Add a Node effortlessly with the Instant-Pair button.



NO SUBSCRIPTIONS REQUIRED

Enjoy premium features such as advanced WiFi security, robust network management, and strong control over your data privacy — all without a monthly subscription.



UNMATCHED HOME WiFi SECURITY, AT NO EXTRA COST

Integrated safeguards only allow trusted firmware to operate your Router, giving you control over who accesses your network and when.

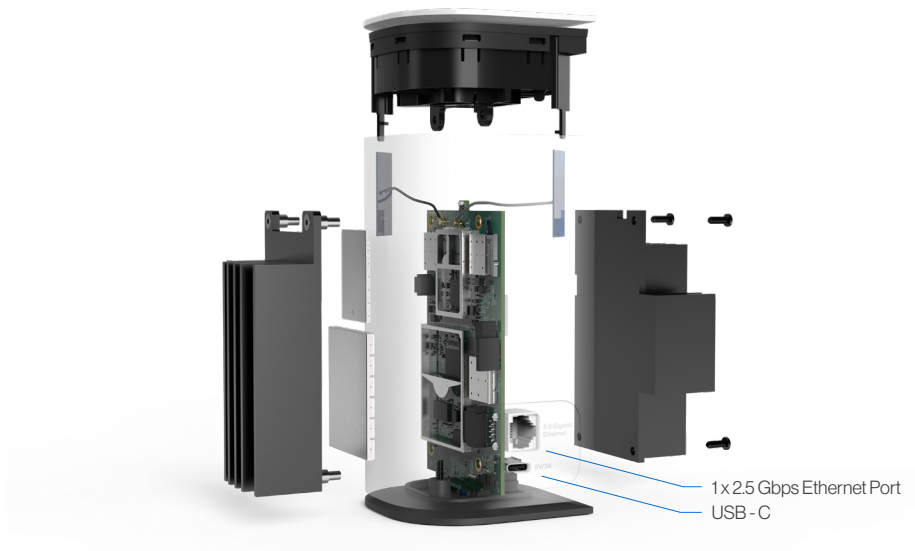


SUSTAINABLE DESIGN

Built with 60%+ post-consumer recycled plastics, 100% recyclable aluminum, 100% foam-free packaging, and standard USB-C charger for improved sustainability.

DESIGNED FOR THE WIRELESS HOME

Connect all your wireless devices effortlessly with WiFi 7—ideal for homes without wired connections. For added flexibility, the auto-detecting 2.5 Gigabit Ethernet port functions as a LAN port when the device is used as a child node, allowing for wired connectivity.



TECHNICAL SPECIFICATIONS

WiFi Technology

WiFi 7 (802.11 be)

WiFi Coverage

- 1 - Pack – 200 m² (2,200 ft²)*
- 2 - Pack – 400 m² (4,400 ft²)*
- 3 - Pack – 600 m² (6,600 ft²)*

Speed and Bands

Dual-band BE 5000 Mbps*

Radio 1 – 2.4 GHz Band IEEE 802.11b/g/n/ax/be – 688 Mbps

Radio 2 – 5 GHz Band IEEE 802.11a/n/ac/ax/be – 4,324 Mbps

Spatial Streams

4 WiFi streams - 2.4 GHz 2x2; 5 GHz 2x2

Channel Selection

Automatic Channel Selection

Channel Width

5 GHz: 20, 40, 80, 160, 240 MHz

2.4 GHz: 20, 40 MHz

Processor

Quad-core 1.1 GHz Processor

Memory

Flash: 512 MB; SDRAM: 512 MB

Antennas

Three Internal (2 WiFi + 1 Bluetooth)

Easy Setup and Control

Linksys Now Instant Install

Easy meshing for Service Providers with pair button

Compatibility

Works with all WiFi devices. WiFi 7 is backward compatible with earlier WiFi standards: 802.11a/b/g/n/ac/ax/be

Other WiFi Features

MLO (Multi-Link Operation), 4096 QAM, OFDMA, Beamforming, Band Steering

Ethernet Port

One 2.5 Gigabit Ethernet port

Power

One USB-C port (9V/3A)

Buttons

Reset push button to restore factory default settings

Instant-Pair push button

Wireless Security Encryption

WPA2/WPA3 Mixed Personal; WPA3 Personal; WPA2 Personal

Security

Supports various wireless security/encryption types including WPA2/WPA3 Mixed Personal, WPA2 Personal, WPA3 Personal.

Parental Controls featuring time-based, domain-based, and MAC address-based (device-based) blocking of Internet access.

Single-port and port-range forwarding, port triggering.

Network Address Translation (NAT).

Stateful Packet Inspection (SPI) firewall.

Operating Temperature

0 °C to 40 °C (32 °F to 104 °F)

Storage Temperature

-20 °C to 60 °C (-4 °F to 140 °F)

Operating Humidity

10% to 80% relative humidity non-condensing

Storage Humidity

5% to 90% relative humidity non-condensing

Design and Dimensions

Product Weight (kg): 0.5

Product Length (cm): 7.5

Product Width (cm): 7.5

Product Height (cm): 15.1

Package Contents

Linksys Velop Micro 7 LN1601 (1-Pack)

One Linksys Velop Micro 7 Dual-Band Node

One Power Adapter

Ethernet Cable

Quick Start Guide

Regulatory and Warranty Documentation

Linksys Velop Micro 7 LN1602 (2-Pack)

Two Linksys Velop Micro 7 Dual-Band Nodes

Two Power Adapters

Ethernet Cable

Quick Start Guide

Regulatory and Warranty Documentation

Linksys Velop Micro 7 LN1603 (3-Pack)

Three Linksys Velop Micro 7 Dual-Band Nodes

Three Power Adapters

Ethernet Cable

Quick Start Guide

Regulatory and Warranty Documentation

Warranty and Support

For more details, visit <https://support.linksys.com/kb/article/248-en/>

Designed in

Designed in California

Made in Vietnam

Customer-paid internet service required. Extra nodes may be needed for some homes. When expanding the network on your mesh router, additional Linksys routers or nodes must have Linksys mesh technology.

May require a software/firmware update available for download at linksys.com/support.

* Specifications subject to change without notice. Maximum performance derived from IEEE Standard 802.11 specifications. Speed reflects maximum combined WiFi speeds across all radios. Range estimates based on performance test results under normal use conditions. Actual speed, performance and range depend upon many conditions and variables, including building materials and construction, volume of network traffic, mix of wireless products used, interference, your wireless device's WiFi standard, wireless obstructions, external factors and other adverse conditions. Standard transmission rates in Mbps are physical data rates; actual data throughput will be lower than specified. Wireless coverage and speed claims are used only as reference and are not guaranteed, as each wireless network is unique. Some devices may require additional wireless adapters that match this product's maximum WiFi standard or an Ethernet cable to connect to this router. Battery life will vary depending on age of device, device storage conditions, device battery degradation over time, and other factors during use such as temperature, connected cables, discharge rate, and device type. In general, device batteries have limited recharge cycles and may eventually need to be replaced.

** 1.8X faster throughput than WiFi 6 is based on the theoretical maximum performance derived from IEEE Standard 802.11 specifications for both 1x1 and 2x2 streams for 160MHz channel bandwidth with 16QAM on the 5GHz band in WiFi 6 compared to 240MHz channel bandwidth with 4K QAM on the 5GHz band in WiFi 7.

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