

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, ensuring 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, FOR FREE

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

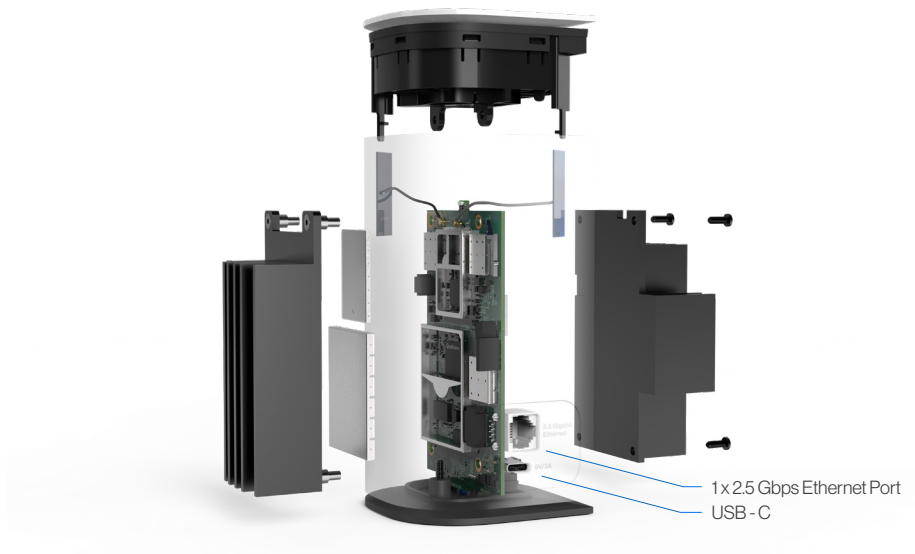


SUSTAINABLE DESIGN

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 (802.11be)

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 – 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

20, 40, 80, 160, 240 MHz

Processor

Quad-core 1.5 GHz Processor

Memory

Flash: 512 MB; SD RAM: 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

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 and Non-Condensing

Storage Humidity

5% to 90% 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

Requires customer-paid active internet connection, modem with available ethernet port, nearby power outlet, and PC, Mac®, or tablet with WiFi enabled or available ethernet port, latest versions of Google Chrome™, Firefox®, Safari® (for Mac® or iPad®), Microsoft Edge®, Compatible iOS or Android mobile device is required when using the Linksys App. Extra nodes may be needed for some homes. When expanding the network of your Cognitive™ Mesh router, additional Linksys routers or nodes must have Cognitive™ Mesh technology.

* Specifications are subject to change without notice. Speed reflects maximum combined WiFi speeds across all radios per IEEE Standard 802.11 specifications. Range estimates are based on performance test results. Actual speed, performance and range will vary, and maximum supported speeds will not be available to all customers due to conditions and variables like building materials and construction, volume of network traffic, mix of wireless products used, interference, your wireless devices' WiFi standard, wireless obstructions, and external factors. The dev number of devices is based on lab test results.

**18X 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 1K QAM on the 5GHz band in WiFi 6 compared to 240MHz channel bandwidth with 4K QAM on the 5GHz band in WiFi 7.

** Setup times and performance results may vary for your unique home network.

Updated as of March, 2025