



Nest Wifi Pro (Wi-Fi 6E)
Technical specifications
May 2023

Spec category	Google Nest Wifi Pro (Wi-Fi 6E)
Coverage	<ul style="list-style-type: none"> • Router one-pack: 1-2 bedroom homes • Router three-pack: 3+ bedroom homes¹ • Expandable IEEE 802.11s mesh Wi-Fi • Scalable and flexible system – add routers for more coverage
Automatic Wi-Fi optimisation	<ul style="list-style-type: none"> • Proactive band steering directs your devices to radio channels with the best performance • Proactive 802.11k/v client steering enables seamless mesh point roaming for uninterrupted Wi-Fi • Auto-QoS for video calls and Stadia gaming • Device prioritization, up to eight hours • Self-monitors and diagnoses network issues
Smart home connectivity	<ul style="list-style-type: none"> • Thread border router built in • Matter¹ • Bluetooth® Low Energy (BLE) • Designed to support higher-power 6 GHz channels, when available (AFC-ready)
Performance	<ul style="list-style-type: none"> • Wi-Fi 6E, 802.11ax Wi-Fi standard • Wi-Fi 6E is up to 2x faster than Wi-Fi 6² • AXE4200 – combined speeds up to 4.2 Gbps³ <ul style="list-style-type: none"> ○ 2x2 (6 GHz) ○ 2x2 (5 GHz) ○ 2x2 (2.4 GHz) • Can handle up to 100 connected devices per point (up to 300 devices in a three-pack network)⁴ • 4K video streams in coverage area⁵ • Dual-core 64-bit ARM CPU • 1 GB RAM, 4 GB flash
Security built in	<ul style="list-style-type: none"> • WPA3 encryption • Secure booting and software updates help protect Nest Wifi Pro from running unauthorised software and router hacks • Legally required software and security updates will be provided for at least five years after release in the US Google Store. See here for more • Family protections, including parental controls • Manage devices connected to your network • Create separate guest network access
Ports and connectors	<ul style="list-style-type: none"> • Two Ethernet ports support 1 Gbps wired speeds per router

¹Check g.co/nest/matternow for availability of Matter's functionality on Nest Wifi Pro.

²Up to 2x faster as compared to a Wi-Fi 6 router that supports 80 MHz channels. Wi-Fi 6E specifications are based on use of a Wi-Fi 6 or later generation client device that supports 160 MHz channels. Actual speeds depend on your internet service provider, network conditions, connected device, local regulations and environmental factors.

³Combined speeds are total speeds across all bands, and are derived from IEEE 802.11 standard specifications based on use of Wi-Fi 6 or later-generation connected devices that support 160-MHz channels. Actual speeds will depend on your Internet service provider, network conditions, connected device, local regulations and environmental factors.

⁴This is based on only using connected devices at a maximum data rate of 1 Mbps. Requires sufficient broadband Internet connection, and connected devices must be located within the Wi-Fi coverage area described at g.co/nestwifi/coverage. Strength and speed of signal will also depend on your Internet provider..

⁵4K-capable device and content and sufficient Internet speeds are required.

Power	<ul style="list-style-type: none"> • 22.5 W (10 V/2.25 A)
Colours	<ul style="list-style-type: none"> • Snow
Dimensions and weight	<ul style="list-style-type: none"> • 130 mm height • 117 mm width • 85 mm depth • 450 g weight
Sustainability	<ul style="list-style-type: none"> • Nest Wifi Pro (Wi-Fi 6E) is made with approximately 60% recycled materials based on product weight.
Compatibility	<ul style="list-style-type: none"> • Nest Wifi Pro (Wi-Fi 6E) cannot be combined in a mesh network with previous-generation Nest Wifi or Google Wifi routers or points
Languages	<ul style="list-style-type: none"> • English, Danish, Dutch, Finnish, French, German, Italian, Japanese, Norwegian, Portuguese, Spanish, Swedish
Warranty	<ul style="list-style-type: none"> • Two-year limited warranty (details in box). For help, visit g.co/devicewarranty.

What's included in the box

Nest Wifi Pro (Wi-Fi 6E) One-pack	Nest Wifi Pro (Wi-Fi 6E) Three-pack
<ul style="list-style-type: none"> • Router • 22 W power adapter • Ethernet cable (2.0 m) • Quick start guide • Safety and Warranty guide 	<ul style="list-style-type: none"> • Three routers • Three power adapters (22 W) • Ethernet cable (2.0 m) • Quick start guide • Safety and Warranty guide

Requirements

- Nest Wifi Pro requires a modem, active Internet connection, available Ethernet port, nearby electrical outlet(s), Google Account, the Google Home app and compatible phone (OS requirements at g.co/nestwifi/req).
- All features, functionalities and other product specifications may change without notice or obligation.
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