



**Nest Wifi Pro (Wi-Fi 6E)**  
**Technical Specifications**  
2022

# Google Nest Wifi Pro (Wi-Fi 6E) Tech Specs

Spec Category	Google Nest Wifi Pro (Wi-Fi 6E)
Coverage <sup>1</sup>	<ul style="list-style-type: none"><li>• [US] Up to 2200 square feet per router<ul style="list-style-type: none"><li>◦ Router 1-pack: Up to 2200 square feet of coverage</li><li>◦ Router 2-pack: Up to 4400 square feet of coverage</li><li>◦ Router 3-pack: Up to 6600 square feet of coverage</li><li>◦ Router 4-pack: Up to 8800 square feet of coverage</li></ul></li><li>• [CA] Up to 200 square meters per router<ul style="list-style-type: none"><li>◦ Router 1-pack: Up to 200 square meters of coverage</li><li>◦ Router 3-pack: Up to 600 square meters of coverage</li></ul></li><li>• [EMEA]<ul style="list-style-type: none"><li>◦ Router 1-pack: Up to 120 square meters of coverage</li><li>◦ Router 2-pack: Up to 220 square meters of coverage</li><li>◦ Router 3-pack: Up to 320 square meters of coverage</li></ul></li><li>• Expandable IEEE 802.11s mesh Wi-Fi</li><li>• Scalable and flexible system – add routers for more coverage</li></ul>
Automatic Wi-Fi optimization	<ul style="list-style-type: none"><li>• Proactive band steering directs your devices to radio channels with the best performance</li><li>• Proactive 802.11k/v client steering enables seamless mesh point roaming for uninterrupted Wi-Fi</li><li>• Auto-QoS for video calls and Stadia gaming</li><li>• Device prioritization, up to 8 hours</li><li>• Self-monitors and diagnoses network issues</li></ul>
Smart home connectivity	<ul style="list-style-type: none"><li>• Thread border router built in</li><li>• Matter<sup>2</sup> (coming soon)</li><li>• Bluetooth® Low Energy (BLE)</li><li>• Designed to support higher-power 6 GHz channels, when available (AFC-ready)</li></ul>

<sup>1</sup>Router placement and home size, materials and layout can affect how Wi-Fi signal travels. Poor placement and larger homes or homes with thicker walls or long, narrow layouts may need extra Wifi points for full coverage. Strength and speed of signal will also depend on your internet provider. More than 5 routers in a network may result in degraded performance and is not recommended.

<sup>2</sup>Check [g.co/nest/matternow](https://g.co/nest/matternow) for availability of Matter's functionality on Nest Wifi Pro.

<b>Performance</b>	<ul style="list-style-type: none"> <li>• Wi-Fi 6E, 802.11ax Wi-Fi standard</li> <li>• Wi-Fi 6E is up to 2x faster than Wi-Fi 6<sup>3</sup></li> <li>• [US only] AXE5400 – combined speeds up to 5.4 Gbps<sup>4</sup></li> <li>• [Outside of US] AXE4200 – combined speeds up to 4.2 Gbps<sup>4</sup> <ul style="list-style-type: none"> <li>◦ 2x2 (6 GHz)</li> <li>◦ 2x2 (5 GHz)</li> <li>◦ 2x2 (2.4 GHz)</li> </ul> </li> <li>• Can handle up to 100 connected devices per point (up to 300 devices in a 3-pack network)<sup>5</sup></li> <li>• 4K video streams in coverage area<sup>6</sup></li> <li>• Dual-core 64-bit ARM CPU</li> <li>• 1 GB RAM, 4 GB flash</li> </ul>
<b>Security built in</b>	<ul style="list-style-type: none"> <li>• WPA3 encryption</li> <li>• Secure booting and software updates help protect Nest Wifi Pro from running unauthorized software and router hacks</li> <li>• Automatic security and software updates. [For EU countries: replace this bullet with “Legally required software and security updates will be provided. See <a href="#">here</a> for more.”]</li> <li>• Family protections, including parental controls</li> <li>• Manage devices connected to your network</li> <li>• Create separate guest network access</li> </ul>
<b>Ports and connectors</b>	<ul style="list-style-type: none"> <li>• Two Ethernet ports support 1 Gbps wired speeds per router</li> </ul>
<b>Power</b>	<ul style="list-style-type: none"> <li>• 22.5 W (10 V/2.25 A)</li> </ul>
<b>Colors</b>	<ul style="list-style-type: none"> <li>• [US] Snow, Fog, Linen, Lemongrass</li> <li>• [CA / AU / NZ] Snow, Fog</li> <li>• [ROW] Snow</li> </ul>
<b>Dimensions and weight</b>	<ul style="list-style-type: none"> <li>• 130 mm height</li> <li>• 117 mm width</li> <li>• 85 mm depth</li> <li>• 450 g weight</li> </ul>
<b>Sustainability</b>	<ul style="list-style-type: none"> <li>• Nest Wifi Pro (Wi-Fi 6E) is made with approximately 60% recycled materials based on product weight.</li> </ul>
<b>Compatibility</b>	<ul style="list-style-type: none"> <li>• Nest Wifi Pro (Wi-Fi 6E) cannot be combined in a mesh network with previous-generation Nest Wifi or Google Wifi routers or points</li> </ul>

<sup>3</sup>Up 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.

<sup>4</sup> Combined speeds are total speeds across all bands, and are derived from IEEE Standard 802.11 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.

<sup>5</sup> This is based on only using connected devices at a maximum data rate of 1Mbps. Requires sufficient broadband internet connection and connected devices must be located within Wi-Fi coverage area described at [g.co/nestwifi/coverage](https://g.co/nestwifi/coverage). Strength and speed of signal will also depend on your internet provider.

<sup>6</sup>4K-capable device and content, and sufficient internet speeds are required.

<b>Languages</b>	<ul style="list-style-type: none"> <li>English, Danish, Dutch, Finnish, French, German, Italian, Japanese, Norwegian, Portuguese, Spanish, Swedish</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>[US, CA, JP] 1-year limited warranty (details in box). For help, visit <a href="https://g.co/devicewarranty">g.co/devicewarranty</a>.</li> <li>[GB, EU, AU, NZ ] 2-year limited warranty (details in box). For help, visit <a href="https://g.co/devicewarranty">g.co/devicewarranty</a>.</li> </ul>

## What's included in the box - U.S.

Nest Wifi Pro (Wi-Fi 6E) 1-pack	Nest Wifi Pro (Wi-Fi 6E) 2-pack	Nest Wifi Pro (Wi-Fi 6E) 3-pack	Nest Wifi Pro (Wi-Fi 6E) 4-pack [Costco only]
<ul style="list-style-type: none"> <li>Router</li> <li>22 W power adapter</li> <li>Ethernet cable (6.5 ft)</li> <li>Quick start guide</li> <li>Safety &amp; Warranty guide</li> </ul>	<ul style="list-style-type: none"> <li>2 routers</li> <li>2 power adapters (22 W)</li> <li>Ethernet cable (6.5 ft)</li> <li>Quick start guide</li> <li>Safety &amp; Warranty guide</li> </ul>	<ul style="list-style-type: none"> <li>3 routers</li> <li>3 power adapters (22 W)</li> <li>Ethernet cable (6.5 ft)</li> <li>Quick start guide</li> <li>Safety &amp; Warranty guide</li> </ul>	<ul style="list-style-type: none"> <li>4 routers</li> <li>4 power adapters (22 W)</li> <li>Ethernet cable (6.5 ft)</li> <li>Quick start guide</li> <li>Safety &amp; Warranty guide</li> </ul>

## Requirements - U.S.

- 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](https://g.co/nestwifi/req)).
- All features, functionality, and other product specifications may change without notice or obligation.
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