



Pro Tip: WPA3 Update

February 18, 2025
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Cheri's Notes

Recently, I learned that some HP printers now have WPA3 security. However, not all HP printers list WPA as a feature.

In this edition, I will explain the differences between WPA2 and WPA3 and share the current list of HP printers that support WPA3.

WPA3 Update

The following HP printers were recently updated to have WPA3 security:

- HP OfficeJet Pro 8135e
- HP OfficeJet Pro 8139e
- HP OfficeJet Pro 9125e
- HP OfficeJet Pro 9135e
- HP OfficeJet Pro 9110b
- HP LaserJet Pro 4001dw
- HP LaserJet Pro 4101fdw
- HP LaserJet Pro 4201dw
- HP LaserJet Pro 4301fdw

What is WPA3: Next Gen WiFi Security

What is WPA3?

- Latest Wi-Fi security standard.

Key Features:

- Stronger Encryption
- Better Protection against Password Attacks
- Individual Data Encryption
- Improved Public Wi-Fi Security

Benefits:

- Stronger data protection
- More secure connections

Modes:

- WPA3-Personal
- WPA3-Enterprise

WPA3 offers several improvements over WPA2

Stronger Security:

WPA3 offers better protection with tougher encryption, making it harder for hackers to break into your Wi-Fi network.

Improved Privacy:

Even if someone cracks your Wi-Fi password, they can't access the data from past sessions with WPA3, unlike WPA2.

Easier Device Connection:

WPA3 makes it simpler to connect smart home devices (like smart bulbs or doorbells) by using QR codes for a quick and secure setup.

Better Defense:

WPA3 is better at blocking repeated attempts to guess your password, unlike WPA2, which might let hackers keep trying until they get it.

Personalized Security:

WPA3 gives each device its own unique encryption key, adding an extra layer of security.

In short, WPA3 is like upgrading from a regular lock to a high-tech security system for your Wi-Fi.

Backwards Compatibility

- WPA3 is backwards compatible with WPA2.
- This means that WPA3 routers can still connect with devices that only support WPA2.
- However, the connection will use WPA2 security rather than the enhanced WPA3 features.
- So, you can use your new WPA3 router with older devices, but you'll only get the full benefits of WPA3 when both the router and the device support it.

Where to look for WPA3 compatibility

- The best place to look is on PCB.
- Here is an example of the HP OfficeJet Pro 9125e Printer

<div><div>HP OfficeJet Pro 9120 All-in-One series</div><div>HP OfficeJet Pro 9120e All-in-One series</div><div>HP OfficeJet Pro 9125e All-in-One Printer</div><div><div>403X0A - HP OfficeJet Pro 9125e All-in-One Printer</div><div>403X0AP - HP OfficeJet Pro 9125e All-in-One Printer</div></div></div>	Scanner Advanced Features	print, create, edit, scanable documents by scanning from phone or printer, Smart tasks destinations: Dropbox, Google Drive, One drive, email recipients
	Security Management	SSL/TLS (HTTPS); IPP over TLS; WPA2-Enterprise; WPA2-Personal; WPA3; Certificates configuration; Password protect EWS; Signed firmware;