

Smart Mesh for HPE Networking Instant On

Simplicity and power at your fingertips



Manage your network on the go

HPE Networking Instant On Access Points are easy-to-set-up and manage and deliver strong coverage wherever and whatever you connect. With an affordable price and built-in security, it's Wi-Fi designed with small businesses in mind.



As a small business just starting out, you may not be thinking about providing Wi-Fi access to all areas of your business. As you hire new employees or expand your space, however, you can experience “dead zones” — areas with limited to no Wi-Fi coverage.

Connecting traditional access points requires Ethernet cabling as well as an additional switch port with Power-over-Ethernet (POE) support. This means that expanding coverage to connect more users or to cover more space can quickly become time-consuming, labor-intensive, and complicated.

Mesh Wi-Fi allows you to connect and build out a network of APs without the need for additional cabling. A single “primary” access point acts as a gateway for traffic flowing in from satellite APs. Goodbye dead zones, hello expanded connectivity!

Key benefits

- Extended Wi-Fi coverage that eliminates dead zones
- Does not require Ethernet ports or cabling
- A single mesh network can support up to 8 APs without performance loss
- Setup can be performed in minutes
- No special licensing required

What is Mesh Wi-Fi?

A mesh is a set of access points that work together to extend coverage over a broader area. By connecting a primary access point (AP) to your Internet router, you can simply power up satellite APs that automatically link to the primary AP. The APs communicate with each other to provide a single extended network or “mesh”. This means there is no loss of bandwidth, so coverage is as strong as if you were right next to the primary AP.

And Mesh Wi-Fi makes it easy to add more APs as your business grows and manage them all from a smart phone or computer.

HPE Networking Instant On with Smart Mesh

All HPE Networking Instant On Access Points come with our simple-to-use version of Smart Mesh Wi-Fi. Once the first AP is connected, you simply power any

additional APs with an optional DC power supply, and with a few clicks it connects to the primary AP over Wi-Fi automatically. It’s a simple way to get the Wi-Fi coverage you need wherever you need it.

All you need is a power outlet to connect the AP and the configuration app that comes with your Instant On APs — no Ethernet cabling or switch ports required.

The Instant On advantage

Instant On access points provide an enterprise-grade, standards-based wireless solution with multiple advantages over consumer-grade routers. In addition to the easy-to-use Smart Mesh feature, you get built-in security, traffic segmentation per network, and the ability to use up to 25 APs in a single mesh network to get fast connectivity, indoors and out. And with 1GbE or 2.5GbE uplinks, mobile and cloud management, and 24x7 support, Instant On provides a powerful, comprehensive networking solution to support your growing business.

