

UniFi Gateway

UniFi Gateway is network management software that powers Ubiquiti's UniFi line of network appliances, including routers, security gateways, and integrated controllers. It provides centralized control, routing, firewall, and VPN functionality across enterprise and home networks using the UniFi ecosystem.

Key facts

- **Developer:** Ubiquiti Inc.
- **Initial release:** 2013 (as part of UniFi Controller suite)
- **Core functions:** Routing, firewall, VPN, traffic management
- **Integration:** Works with UniFi Network application and Cloud Key, Dream Machine series

Platform overview

UniFi Gateway operates as the control and routing layer in Ubiquiti's UniFi architecture. It manages WAN and LAN interfaces, enforces security policies, and supports advanced functions like VLANs, Quality of Service (QoS), and site-to-site VPNs. Administrators configure and monitor all features through the UniFi Network application, available on desktop and mobile.

Hardware and software integration

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The UniFi Gateway software underpins several Ubiquiti devices such as the **UniFi Security Gateway (USG)**, **UniFi Dream Machine (UDM)**, and **UniFi Dream Router (UDR)**. These models combine the gateway function with switching, wireless access, or controller services, enabling scalable deployments from small offices to large campuses.

Network management and security

Gateways provide unified traffic inspection, intrusion detection and prevention (IDS/IPS), and advanced threat management. The software's dashboard visualizes bandwidth usage, device health, and network topology. Administrators can apply policies per user, application, or VLAN for

granular control.

Evolution and ecosystem

UniFi Gateway evolved from standalone USG firmware into an integrated component of Ubiquiti's all-in-one systems like the **UniFi Dream Machine Pro** and **UniFi Cloud Gateway Ultra**. These newer platforms run the UniFi OS, consolidating multiple applications—Network, Protect, Talk, and Access—within a single interface, aligning with Ubiquiti's vision of seamless, self-managed network environments.

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