

UniFi - Ports Used

This article shows what UDP and TCP ports are used by the UniFi Network application by default. The information applies to both Network applications hosted on UniFi OS Consoles, such as UniFi Cloud Key ([UCK-G2](#), [UCK-G2-PLUS](#), and [UC-CK](#)) or UniFi Dream Machine ([UDM](#) or [UDM-Pro](#)), as well as self-hosted Network applications.

For more information on how to change the default ports, see [UniFi - Advanced: Changing Default Ports](#).

Note: Make sure to always update your Network application to the latest version.

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Local Ingress Ports

Protocol	Port number	Usage
UDP	3478	Port used for STUN.
UDP	5514	Port used for remote syslog capture.
TCP	8080	Port used for device and application communication.
TCP	8443	Port used for application GUI/API as seen in a web browser.
TCP	8880	Port used for HTTP portal redirection.
TCP	8843	Port used for HTTPS portal redirection.
TCP	6789	Port used for UniFi mobile speed test.

Protocol	Port number	Usage
TCP	27117	Port used for local-bound database communication.
UDP	5656-5699	Ports used by AP-EDU broadcasting.
UDP	10001	Port used for device discovery.
UDP	1900	Port used for "Make application discoverable on L2 network" in the UniFi Network settings.

Note: Although TCP 22 is not one of the ports UniFi Network operates on by default, it is worth mentioning in this article since it is the port used when UniFi devices or the Network application is accessed via SSH.

Ingress Ports required for L3 management over the internet

Note: These ports need to be open at the gateway/firewall as well as on the UniFi Network application host. This would be achieved by creating port forwards on the gateway/firewall where the application is hosted.

Protocol	Port number	Usage
UDP	3478	Port used for STUN.
TCP	8080	Port used for device and application communication.
TCP	8443	Port used for application GUI/API as seen in a web browser.
TCP	8880	Port used for HTTP portal redirection.

Protocol	Port number	Usage
TCP	8843	Port used for HTTPS portal redirection.
TCP	6789	Port used for UniFi mobile speed test.

Egress Ports required for UniFi Remote Access

Note: In most cases, these ports will be open and unrestricted by default.

Protocol	Port number	Usage
UDP	3478	Port used for STUN.
TCP/UDP	443	Port used for Remote Access service.
TCP	8883	Port used for Remote Access service.

Related articles

[UniFi - Advanced: Changing default ports](#)