UniFi Network USW Flex Mini

DATASHEET

Compact 5-Port Gigabit Switch

Powered by 802.3af/at PoE or USB Type C

Compact Desktop Footprint

Energy-Efficient Design

Model: USW-Flex-Mini

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Overview

Expand your network with the UniFi® Switch Flex Mini, part of the Ubiquiti® UniFi Enterprise System.

Compact Desktop Design

The cost-effective UniFi Switch Flex Mini can be discreetly integrated into any environment.

Copper Connectivity

Five RJ45 ports offer 10/100/1000 links. One port also supports 802.3af/at PoE input.

Efficient Use of Energy

The UniFi Switch Flex Mini uses only a maximum of 2.5W.

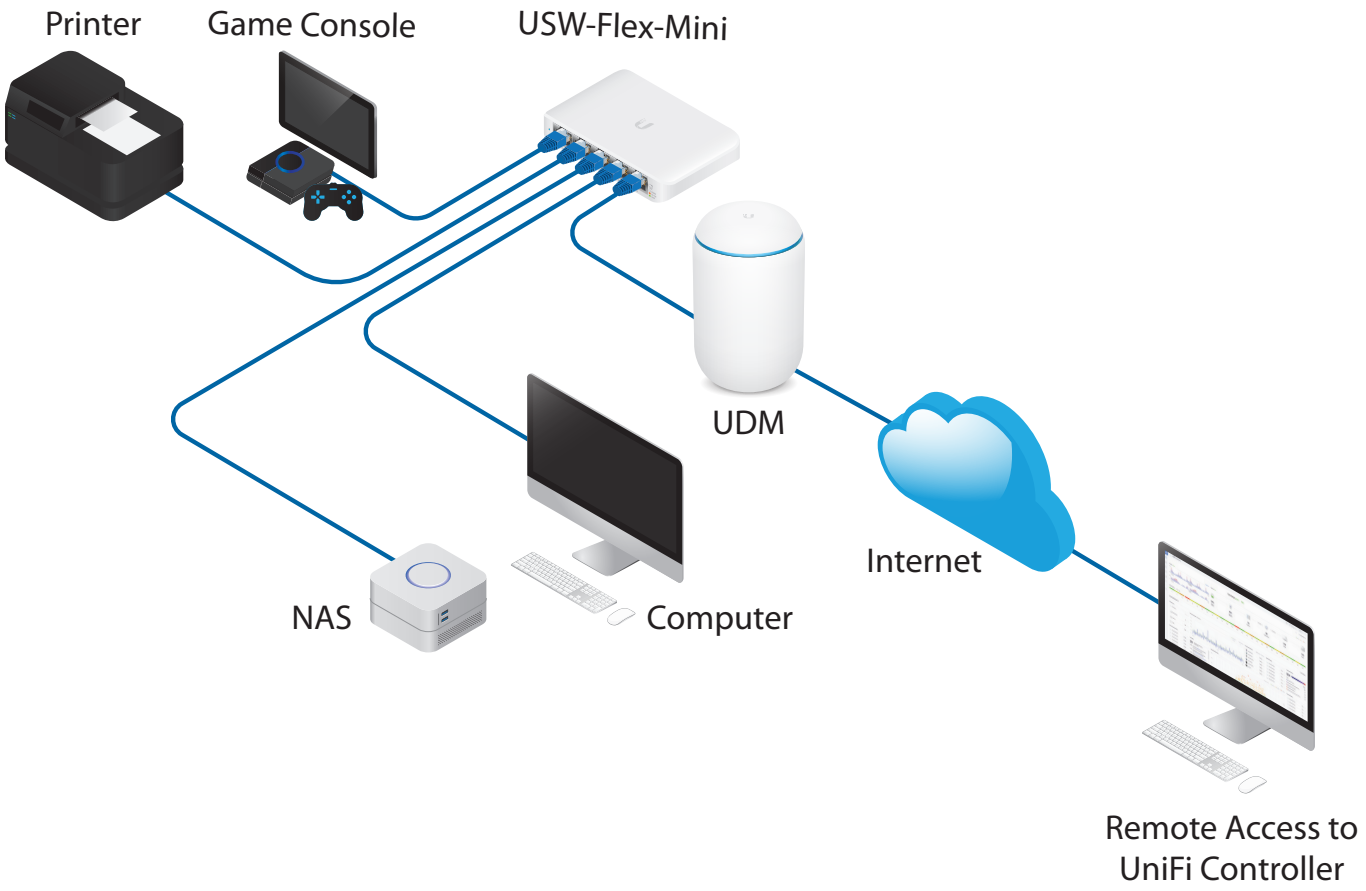
For your convenience, it can be powered by 802.3af/at PoE or a 5V, 1A USB-C power adapter*.

Switching Performance

The UniFi Switch Flex Mini offers the forwarding capacity to simultaneously process traffic on all ports at line rate without any packet loss.

* *Included only with the single-pack of the USW-Flex-Mini.*

Deployment Example



The UniFi Switch Flex Mini connects a variety of devices, including a printer, game console, NAS, and computer.

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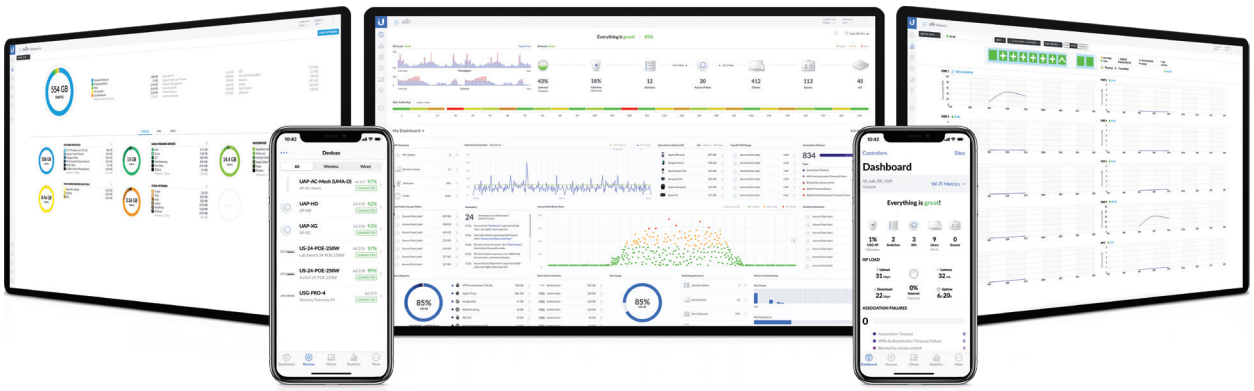

Scalable UniFi Network Controller

Management Capabilities

The UniFi Network™ Controller can provision UniFi devices, map out networks, and quickly manage system traffic. Important network details are logically organized for a simplified, yet powerful, interface.

Network Overview

From a single pane of glass, view network topology and configuration, real-time statistics, and debugging metrics. Monitor your network's vitals and make on-the-fly adjustments as needed.

Multi-Site Management

A single controller running in the cloud can manage multiple sites: multiple, distributed deployments and multi-tenancy for managed service providers. Each site is logically separated and has its own configuration, maps, statistics, guest portal, and administrator accounts.

Deep Packet Inspection

Ubiquiti's proprietary Deep Packet Inspection (DPI) engine includes the latest application identification signatures to track which applications (and IP addresses) are using the most bandwidth.

Detailed Analytics

The UniFi Network Controller provides configurable reporting and analytics to manage large user populations and expedite troubleshooting. Advanced search and sorting capabilities make network management more efficient.

Software Features

The UniFi Network Controller software offers the following features for the UniFi Switch Flex Mini:

- Centralized configuration management (including configuration cloning)
- Auto-MDIX automatically adjusts as needed for straight through or crossover cable

Switch Configuration

You can access the UniFi Switch Flex Mini through the UniFi Controller to configure a variety of features:

- Operation mode (switching or mirroring) per port
- Network/VLAN configuration*
- Jumbo frame and flow control services
- Network settings
- Storm control setting per port

Switch Port Status

You can also view status information for each port:

- Connection speed and duplex mode
- TX/RX data rates
- Network/VLAN setting*

* *USW-Flex-Mini uses port-based VLANs only and does not support SSH, STP (forwarding only), 802.1X, DNS suffix, or experience in the controller.*

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USW-Flex-Mini	
Dimensions	107.16 x 70.15 x 21.17 mm (4.22 x 2.76 x 0.83")
Weight	150 g (5.29 oz)
Interfaces Networking PoE In Management	 (5) 10/100/1000 RJ45 Ports 802.3af/at PoE (Pins 1, 2+; 3, 6-) Ethernet In-Band
Total Non-Blocking Throughput	5 Gbps
Switching Capacity	10 Gbps
Forwarding Rate	7.44 Mpps
Power Method	USB Type C, 5V 802.3af/at PoE (44 - 57VDC, 0.05 - 0.04A)
Power Supply	5V, 1A Power Adapter*
Voltage Range USB Type C 802.3af/at PoE	 4.7 - 5.3V 44 - 57VDC
Max Power Consumption	2.5W
LEDs System RJ45 Data Ports	 Status Speed/Link/Activity
ESD/EMP Protection	Air: ± 16 kV, Contact: ± 12 kV
Shock and Vibration	ETSI300-019-1.4 Standard
Operating Temperature	-5 to 45° C (23 to 113° F)
Operating Humidity	10 - 90% Noncondensing
Certifications	CE, FCC, IC

* *Included only with the single-pack of the USW-Flex-Mini*

Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at: ui.com/support/warranty
The limited warranty requires the use of arbitration to resolve disputes on an individual basis, and, where applicable, specify arbitration instead of jury trials or class actions.
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