



# UniFi® | SWITCH

Managed Gigabit Switches with SFP

Models: US-24, US-48

Non-Blocking Throughput Switching Performance

Gigabit Ethernet RJ45 Ports

SFP+/SFP Fiber Connectivity Options



# UniFi® SWITCH

## Overview

Build and expand your network with Ubiquiti Networks® UniFi® Switch, part of the UniFi line of products.

Available with 24 or 48 RJ45 Gigabit ports, the UniFi Switch is a fully managed Gigabit switch, delivering robust performance and intelligent switching for your growing networks.

## Switching Performance

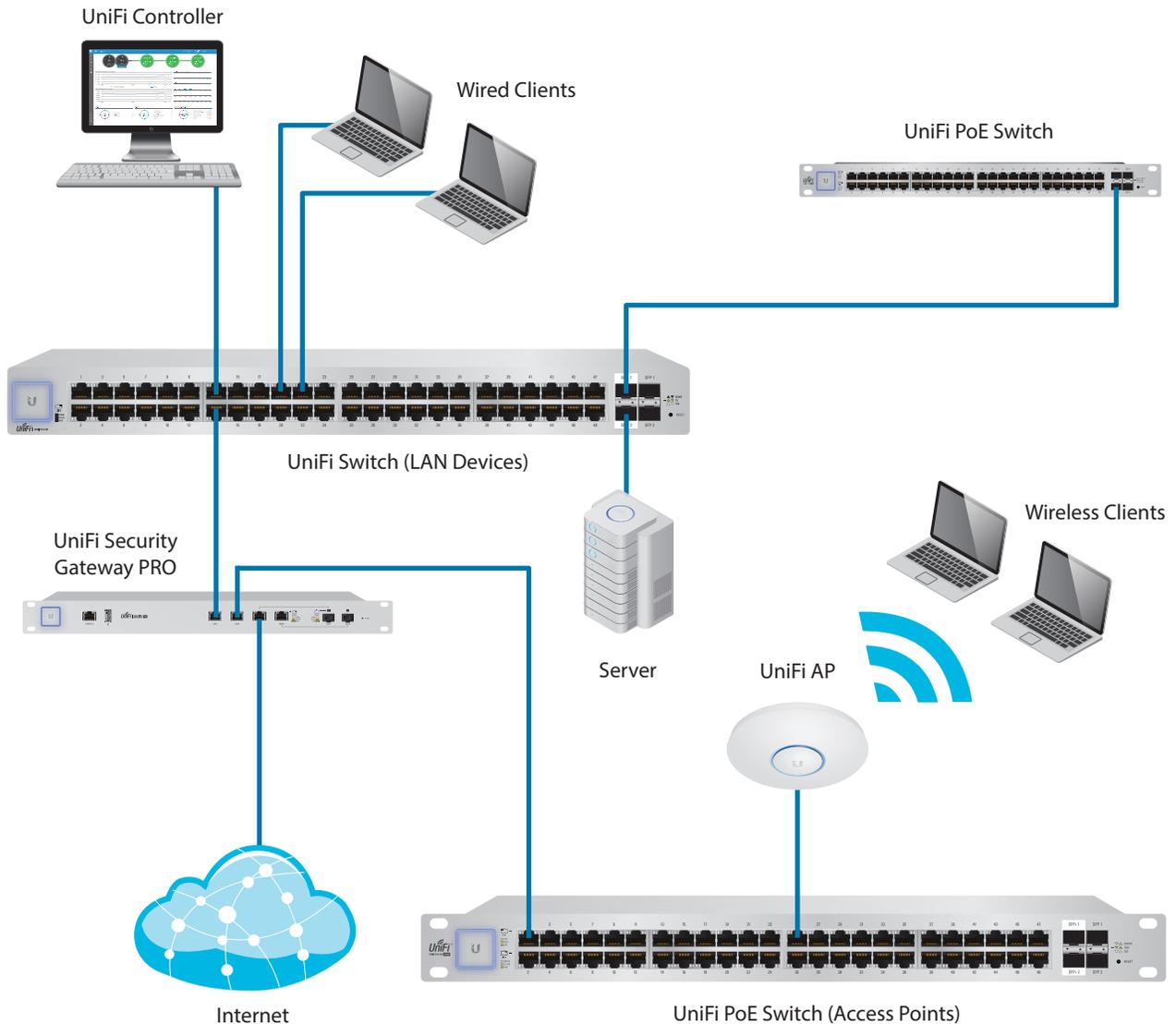
The UniFi Switch offers the forwarding capacity to simultaneously process traffic on all ports at line rate without any packet loss.

For its total, non-blocking throughput, the 24-port model supports up to 26 Gbps, while the 48-port model supports up to 70 Gbps.

## Fiber Connectivity

Each model includes two SFP ports for uplinks of up to 1 Gbps.

The 48-port model adds two SFP+ ports for high-capacity uplinks of up to 10 Gbps, so you can directly connect to a high-performance storage server or deploy a long-distance uplink to another switch.



# UniFi Controller

Designed for convenient management, the UniFi Controller software allows admins to configure and monitor the UniFi Switch and other UniFi devices using a graphical user interface. You can download it from [www.ubnt.com](http://www.ubnt.com) at no extra charge – there is no separate software, licensing, or support fee.

## Multi-Site Management

A single instance of the UniFi Controller running in the cloud can manage multiple UniFi sites within a centralized interface. Each site is logically separated and has its own network monitoring, configuration, maps, statistics, and admin accounts.

## Switch Configuration

You can access any managed UniFi Switch through the UniFi Controller to configure a variety of features:

- Operation mode (switching, mirroring, or aggregate) per port
- Network/VLAN configuration
- Jumbo frame and flow control services
- Network settings
- Storm control setting per port
- Spanning tree configuration
- 802.1x control and RADIUS VLAN
- Debug terminal option for command-line interface

## Switch Port Status

You can also view status information for each port:

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



## Dashboard

The *Dashboard* tab provides a visual representation of your network's status. Basic information is provided for each network segment.

DEVICE NAME	IP ADDRESS	STATUS	MODEL	VERSION	UPTIME	ACTIONS
Rack USG-Pro-4	192.168.1.1	CONNECTED	UniFi Security Gateway 4P	4.3.11.4852827	36:55m 45s	LOCATE RESTART
ABRIS-US-16-150W	192.168.1.233	CONNECTED	UniFi Switch 16 POE-150W	3.5.1.4088	100:18m 45m 7s	LOCATE RESTART
Downstairs-US-48-500W	192.168.1.191	CONNECTED	UniFi Switch 48 POE-500W	3.5.1.4088	46:21m 55m 15s	LOCATE RESTART
Workshop-US-48	192.168.1.246	CONNECTED	UniFi Switch 48 POE	3.5.1.4088	34:21m 12m 13s	LOCATE RESTART
Rack-US-48-750W						
RackPanel-US-R-150W						
AC-Broadcom						
AC-LITE						
AC-LR-Baseant						
AC-LITE						
44e9e77020433						
44e9e77020444						
44e9e779c4289						
Protopipe1-UAP-AC-Pro						
AC-Pro-Crowape						
Timeout						
Living						
Sitting						
Master						
LiFi						
Basement						
24e43c9421e9f						
Pro-coastnet2	192.168.1.164	CONNECTED	UniFi AP-Pro	3.5.1.4088	16:8m 3m 34s	LOCATE RESTART
Pro-coastnet	192.168.1.141	CONNECTED	UniFi AP-Pro	3.5.1.4088	16:8m 20m 25s	LOCATE RESTART

## Device Configuration

The *Devices* screen displays the UniFi devices discovered by the UniFi Controller. You can access each managed device for device details and configuration.

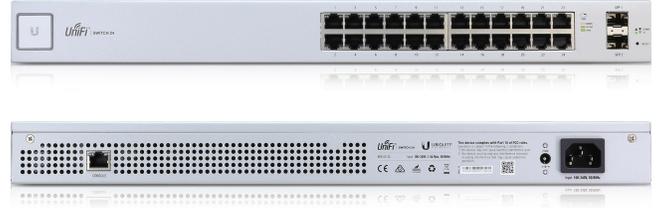


## Models

### UniFi® SWITCH 24

Model: US-24

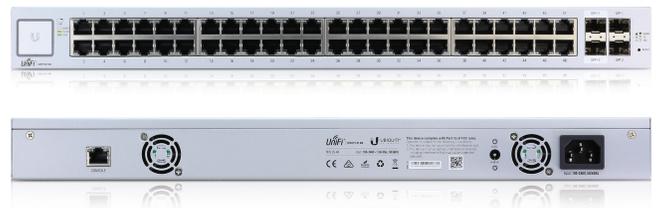
- (24) Gigabit RJ45 Ports
- (2) SFP Ports
- (1) Serial Console Port (Reserved for Future Use)
- Non-Blocking Throughput: 26 Gbps
- Switching Capacity: 52 Gbps
- Forwarding Rate: 38.69 Mpps
- Maximum Power Consumption: 25W
- Quiet, Fanless Operation
- Rack-Mountable



### UniFi® SWITCH 48

Model: US-48

- (48) Gigabit RJ45 Ports
- (2) SFP+ Ports
- (2) SFP Ports
- (1) Serial Console Port (Reserved for Future Use)
- Non-Blocking Throughput: 70 Gbps
- Switching Capacity: 140 Gbps
- Forwarding Rate: 104.16 Mpps
- Maximum Power Consumption: 56W
- Rack-Mountable



# Hardware Specifications

US-24		
Dimensions	443 x 43 x 221 mm (17.44 x 1.69 x 8.70")	
Weight	Rack-Mount Brackets Excluded	Rack-Mount Brackets Included
	2.51 kg (5.53 lb)	2.60 kg (5.70 lb)
Networking Interfaces	(24) 10/100/1000 Mbps RJ45 Ethernet Ports (2) 1 Gbps SFP Ethernet Ports	
Management Interface	(1) RJ45 Serial Port Out-of-Band (Reserved for Future Use), Ethernet In-Band	
Total Non-Blocking Throughput	26 Gbps	
Switching Capacity	52 Gbps	
Forwarding Rate	38.69 Mpps	
Power Method	100-240VAC/50-60 Hz, Universal Input	
Power Supply	AC/DC, Internal, 25W DC	
Max. Power Consumption	25W	
LEDs per Port	Speed/Link/Activity	
Sound Level	34 dBa	
ESD/EMP Protection	Air: ± 24 kV, Contact: ± 24 kV	
Rack Mount	Yes, 1U High	
Shock and Vibration	ETSI300-019-1.4 Standard	
Operating Temperature	-5 to 40° C (23 to 104° F)	
Operating Humidity	5 to 95% Noncondensing	
Certifications	CE, FCC, IC	

# Hardware Specifications

US-48		
Dimensions	443 x 43 x 286 mm (17.44 x 1.69 x 11.26")	
Weight	Rack-Mount Brackets Excluded	Rack-Mount Brackets Included
	3.56 kg (7.85 lb)	3.65 kg (8.06 lb)
Networking Interfaces	(48) 10/100/1000 Mbps RJ45 Ethernet Ports (2) 1/10 Gbps SFP+ Ethernet Ports (2) 1 Gbps SFP Ethernet Ports	
Management Interface	(1) RJ45 Serial Port Out-of-Band (Reserved for Future Use), Ethernet In-Band	
Total Non-Blocking Throughput	70 Gbps	
Switching Capacity	140 Gbps	
Forwarding Rate	104.16 Mpps	
Power Method	100-240VAC/50-60 Hz, Universal Input	
Power Supply	AC/DC, Internal, 56W DC	
Max. Power Consumption	56W	
LEDs per Port	Speed/Link/Activity	
Sound Level	Fan Level: 0	Fan Level: 1
	34 dBa	37 dBa
ESD/EMP Protection	Air: ± 24 kV, Contact: ± 24 kV	
Rack Mount	Yes, 1U High	
Shock and Vibration	ETSI300-019-1.4 Standard	
Operating Temperature	-5 to 40° C (23 to 104° F)	
Operating Humidity	5 to 95% Noncondensing	
Certifications	CE, FCC, IC	

Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at: [www.ubnt.com/support/warranty](http://www.ubnt.com/support/warranty)  
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[www.ubnt.com](http://www.ubnt.com)