



Fully Managed Gigabit Switches Models: US-8, US-8-60W

Non-Blocking Throughput Switching Performance

URIF

Gigabit Ethernet RJ45 Ports

Robust Performance for Enterprise Networks





Overview

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

The new 8-port models feature Gigabit Ethernet ports in a compact form factor. The switches are fully manageable, delivering robust performance and intelligent switching for your growing networks.

Switching Performance

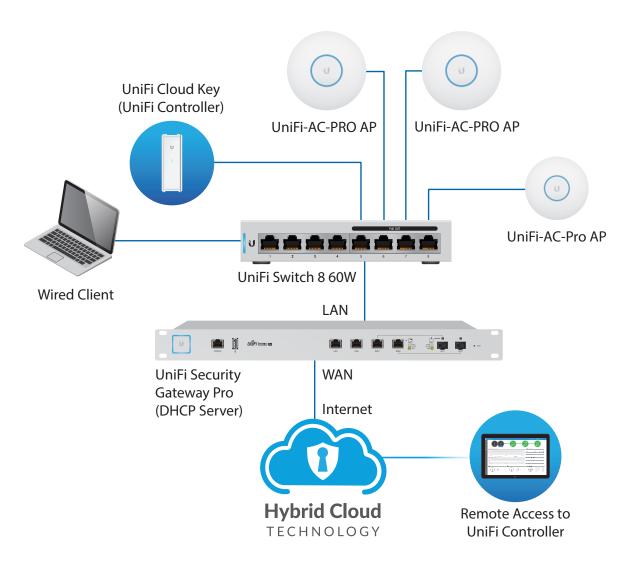
The UniFi Switch offers the forwarding capacity to simultaneously process traffic on all ports at line rate without any packet loss.

For its total, non-blocking throughput, each supports up to 8 Gbps with a switching capacity of 16 Gbps.

ΡοΕ

The US-8-60W model has four autosensing PoE ports that can deliver up to 15.4W of power for PoE devices.

The US-8 model has a PoE Passthrough port. Its output voltage and power rely directly on the power input.



US-8-60W Sample Network Diagram

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** 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

UĥiF						2 minutes V Default V UBNT	
ALL	(24) GATEWAY/SWITCHES (6) AP	S (18) PHONES (0)				Search	Q
+	DEVICE NAME	IP ADDRESS	STATUS	MODEL	VERSION	UPTIME	2 = 9 21 (
-	dc:9f:db:00:00:01	192.168.1.1	PENDENG APPROVAL	UniFi Switch 8 POE-60W	4.3.11.4852827	55m 45s CONNECTED	0.211
-65	Attic- US-16-150W	192.168.1.233	CONNECTED	UniFi Switch 16 POE-150W	3.5.1.4088	10d 18h 4	
444	DownStairs US-48-500W	192.168.1.191	CONNECTED	UniFi Switch 48 POE-500W	3.5.1.4088	4d 21h 55	
444	Workshop US-48-750W	192.168.1.246	CONNECTED	UniFi Switch 48 POE-750W	3.5.1.4088	3d 21h 12 = 100/30 Mbps = DESABLED + FeE+	
-	Rack US-48-750W	192.168.1.6	CONNECTED	UniFi Switch 48 POE-750W	3.5.1.4088	4d 21h 55 Details Ports Configuration	
455	PatchPanel US-8-150W	192.168.1.204	C0440CTED	UniFi Switch 8 POE-150W	3.5.1.4088	1d Bh 10r 00184/16W	
	AC-Broadcom	192.168.1.231	CONNECTED	UniFi AP-AC v2	3.5.1.4088	4d 21h 53 Model UniFi Switch 8 Version Secure Secure Sci 5342 5195	
0	AC-LITE	192.168.1.162	CONNECTED	UniFi AP-AC-Lite	3.6.1.3553	3d 21h 17 PAthens 1921681.200 Unites 4h 20m 45s	
0	AC-LR-Basement	192.168.1.137	COMMECTED	UniFi AP-AC-LR	3.6.1.3553	4d 21h 54 Memory Linge 38%	
0	44:d9:e7:02:04:33	192.168.1.197	CONNECTED	UniFi AP-AC-Lite	3.6.1.3553	3d 21h 1n 🕀 UPLINK	
0	44:d9:e7:02:04:44	192.168.1.198	COMMETTO	UniFi AP-AC-UR	3.6.1.3553	3d 19h 26 E DOWNLINKS	
0	AC-Pro-Basement	192.168.1.7	CONNECTED	UniFi AP-AC-Pro Gen2	3.6.1.3553	4d 21h 53	0.21
0	44:d9:e7:19:d2:89	192.168.1.200	CONNECTED	UniFi AP-AC-Pro Gen2	3.6.1.3553	9d 17h 55	
0	Prototype1 UAP-AC-Pro	192.168.1.182	CONNECTED (160 POX)	UniFi AP-AC-Pro Gen2	3.6.1.3553	1d 8h 9m	
0	AC-Pro-Crawlspace	192.168.1.134	CONNECTED	UniFi AP-AC-Pro Gen2	3.6.1.3553	3d 21h 15	
8	Timeout	192.168.1.235	CONNECTED	UniFi AP-In Wall	3.5.1.4088	1d 8h 9m	
3	Uving	192.168.1.136	COMMETTO	UniFi AP-In Wall	3.5.1.4088	1d Bh 8m	
3	Sitting	192.168.1.124	CONNECTED	UniFi AP-In Wall	3.5.1.4088	1d Bh Bm	
8	Master	192.168.1.158	CONNECTED	UniFi AP-In Wall	3.5.1.4088	1d Bh Bm = 2 Pert 2	0
8	Loft	192.168.1.139	CONNECTED	UniFi AP-In Wall	3.5.1.4088	1d 8h 8m	2
8	Basement	192.168.1.140	CONNECTED	UniFi AP-In Wall	3.5.1.4088	1d 8h 8m 5 Pots Pot-	0
	24;a4:3c:94:25:d9	192.168.1.122	CONNECTED	UniFi AP-Outdoor+	3.5.1.4088	3d 17h 22 6 Part 6 PoC+ 7 Part 7 1,000 FCK (Japlina) PoE+	1
0	Pro-roamtest2	192.168.1.164	CONNECTED	UniFi AP-Pro	3.5.1.4088		0
0	Pro-roamtest	192.168.1.141	CONNECTED	UniFi AP-Pro	3.5.1.4088	3d 21h 16 / tor success	

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.



Statistics

The *Switch Statistics* screen displays a graphical overview of all LAN throughput for each port on the selected switch. Under the same pane of glass, it also shows LAN, WLAN, and Internet traffic, including the breakdown of protocols being used (requires a UniFi Security Gateway).





Models



Model: US-8-60W

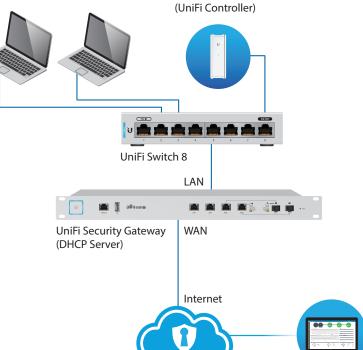
- (8) Gigabit RJ45 Ports
- (4) Auto-Sensing IEEE 802.3af PoE Ports
- Non-Blocking Throughput: 8 Gbps
- Switching Capacity: 16 Gbps
- Forwarding Rate: 11.9 Mpps
- Maximum Power Consumption: 12W
- Available in Single-Pack and 5-Pack



Model: US-8

- (8) Gigabit RJ45 Ports
- (1) PoE Passthrough Port
- · Non-Blocking Throughput: 8 Gbps
- Switching Capacity: 16 Gbps
- Forwarding Rate: 11.9 Mpps
- Maximum Power Consumption: 12W
- PoE or DC Input Option
- Available in Single-Pack and 5-Pack (Power Supply Not Included with 5-Pack)

Wired Clients



UniFi Cloud Key

Hybrid Cloud TECHNOLOGY



Remote Access to UniFi Controller











Datasheet

Hardware Specifications

	US-8-60W
Dimensions	148.0 x 99.5 x 30.7 mm (5.83 x 3.92 x 1.21")
Weight	432 g (15.24 oz)
Enclosure Characteristics	SGCC Steel
Total Non-Blocking Throughput	8 Gbps
Switching Capacity	16 Gbps
Forwarding Rate	11.9 Mpps
Max. Power Consumption	12W (Excluding PoE Output)
Max. PoE Wattage per Port	15.4W
Power Method	48VDC, Max. 2A
Supported Voltage Range	57VDC to 44VDC
Power Supply	External AC/DC Adapter, 48V, 1.25A
LEDs	PoE (Port 8), Speed/Link/Activity (All Ports)
Networking Interfaces	(8) 10/100/1000 Mbps RJ45 Ports
PoE Interfaces	(4) Ports 5, 6, 7, 8; IEEE802.3af
ESD/EMP Protection	Air: ± 24 kV, Contact: ± 24 kV
Operating Temperature	-5 to 45° C (23 to 113° F)
Operating Humidity	5 to 95% Noncondensing
Shock and Vibration	ETSI300-019-1.4 Standard
Certifications	CE, FCC, IC



Hardware Specifications

Dimensions	148.0 x 99.5 x 30.7 mm (5.83 x 3.92 x 1.21")
Weight	432 g (15.24 oz)
Enclosure Characteristics	SGCC Steel
Total Non-Blocking Throughput	8 Gbps
Switching Capacity	16 Gbps
Forwarding Rate	11.9 Mpps
Max. Power Consumption	12W (Excluding PoE Output)
Max. Passive PoE Wattage per Port	PoE Mode 1: 12W @ 802.3at PoE Mode 2: 12W @ 48V PoE Mode 3: 12W @ 24V DC Input Mode: 12W @ 48V or 12W @ 24V
Passive PoE Voltage Range	Depends on Power Source
Power Method	(1) DC 48V or 24V, Max. 1.25A (1) PoE Input, 802.3 af/at (Pins +1, 2; -3, 6); Passive 24V (Pins +4, 5; -7, 8)
Supported Voltage Range	DC: 48V or 24V; 48V Mode: 56V to 40V; 24V Mode: 27V to 20V
Power Supply	External AC/DC Adapter, 48V, 0.5A
LEDs	PoE (Port 8), Speed/Link/Activity (All Ports)
Networking Interfaces	(8) 10/100/1000 Mbps RJ45 Ports
PoE In Interface (Port 1)	PoE Mode 1: 802.3af/at (Pins +1, 2; -3, 6) PoE Mode 2: Passive 24V or 48V (2-Pair Pins +4, 5; -7, 8) PoE Mode 3: Passive 24V; (4-Pair Pins +1, 2; -3, 6 and +4, 5; -7, 8)
PoE Out Interface (Port 8)	PoE Mode 1: 48V (Pins +1, 2; -3, 6) PoE Mode 2: Passive 24V or 48V (2-Pair Pins +4, 5; -7, 8) PoE Mode 3: Passive 24V (4-Pair Pins +1, 2; -3, 6 and +4, 5; -7, 8) DC Input Mode: DC Passthrough (Pins +1, 2; -3, 6)
Management Interface	Ethernet In-Band Management
ESD/EMP Protection	Air: ± 24 kV, Contact: ± 24 kV
Operating Temperature	-5 to 45° C (23 to 113° F)
Operating Humidity	5 to 95% Noncondensing
Shock and Vibration	ETSI300-019-1.4 Standard
Certifications	CE, FCC, IC



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