



SONICWALL NSsp 11700 Network Switch User Guide

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SONICWALL NSsp 11700 Network Switch



Package Contents



1. NSsp 11700 appliance
2. Twinaxial cables (4) (two 10G 1-meter cables, two 25G 1-meter cables)
3. Ethernet cable
4. Serial console cable (RJ45 to DB9)
5. Power cords (2)
6. Rack mount kit
7. SonicWall NSsp 11700 Quick Start Guide
8. Safety, Environmental, and Regulatory Information documents

NOTE: The included power cords are approved for use only in specific countries or regions. Before using a power cord, verify that it is rated and approved for use in your location. The power cords are for AC mains installation only. Refer to the NSsp 11700 Safety, Regulatory, and Legal Information document for additional safety information.

Items missing? Contact SonicWall Technical Support at: <https://www.sonicwall.com/support/contact-support>

Front Panel



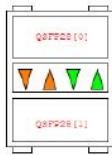
1 MGMT

MGMT Port - RJ45: The MGMT port is a dedicated 1GE interface for appliance management and SafeMode access.
Solid Green = Link at 1G or lower, Blinking Green = Activity

2 console

Console Port - RJ45: Serial Console for CLI access

3



X32 - X33

100/40GE QSFP28 Ports and LEDs:

Solid Amber = Link at 100G or 40G, Blinking Amber = Activity
Solid Green = Link at 1G or lower, Blinking Green = Activity
Off = No link

NOTE: Breakout cables are not supported on these ports.

4



X24 - X31

25/10/5/2.5GE SFP28 Ports and LEDs:

Solid Amber = Link at 25G, 10G, 5G or 2.5G, Blinking Amber = Activity at 25G, 10G, 5G or 2.5G
Solid Green = Link at 1G or lower, Blinking Green = Activity
Off = No link

5



X20 - X23

10/5/2.5GE SFP+ Ports and LEDs:

Solid Amber = Link at 10G, 5G or 2.5G, Blinking Amber = Activity
Solid Green = Link at 1G or lower, Blinking Green = Activity
Off = No link

6



X16 - X19

10/5/2.5/1GE Copper RJ45 Ports and LEDs: X18 and X19 are LAN Bypass ports. Solid Green = Link at speeds 1G or lower, Blinking Green = Activity at 1G or lower, Amber = Unused, Off = No link

7



X0 - X15

1GE Copper RJ45 Ports and LEDs:

Solid Green = Link at speeds 1G or lower, Blinking Green = Activity at 1G or lower, Amber = Unused, Off = No link

8



SafeMode Button: A recessed button used to enter SafeMode:
If NSsp is up: Press button with a narrow, straight object.
If NSsp is down: Press while connecting NSsp to power and hold until Test LED blinks yellow 3 times.

9



Power Button:

Short press powers ON if button was used to power system off.
Short press powers OFF with Graceful Shutdown. Test and Alarm LEDs turn Red. Standby power to some circuitry stays on.
Long Press (5+ sec) = Forced Shutdown. Standby power to some circuitry stays on.

10



LAN Bypass LED: When NSsp is without power and LED is OFF, LAN Bypass state is difficult to distinguish. It can be either:

- Bypass Disabled (default), traffic cannot pass
- Bypass Enabled, power is lost, traffic can pass

Yellow = Bypass Active and traffic is passing while NSsp is powered but not available, such as during reboot.

Green = Bypass Enabled, traffic can pass if firewall goes down.

11



USB SS 3.0 Ports: For Configuration, Recovery, Re-imaging the NSsp, and USB WWAN device support

12



Storage LED: Status on external storages.

Blinking Green = Activity, Yellow = Storage warning
Off = No activity

12



Alarm LED: Red = High Level Alarm (such as Fan Failure) / Power down requested, Yellow = Lower Level Alarm

12



Test LED: Red = Power down requested, Yellow = Initializing, Blinking Yellow = SafeMode / FIPS test in progress, Off = Normal

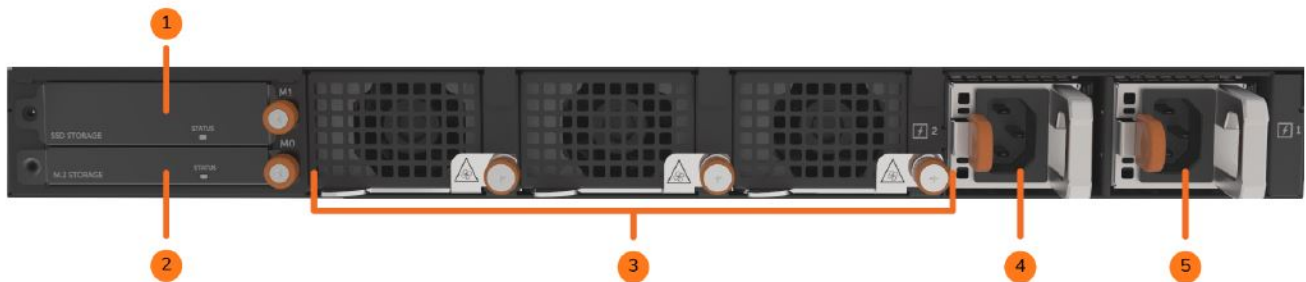
12



Power LED: 1 = Primary, 2 = Redundant

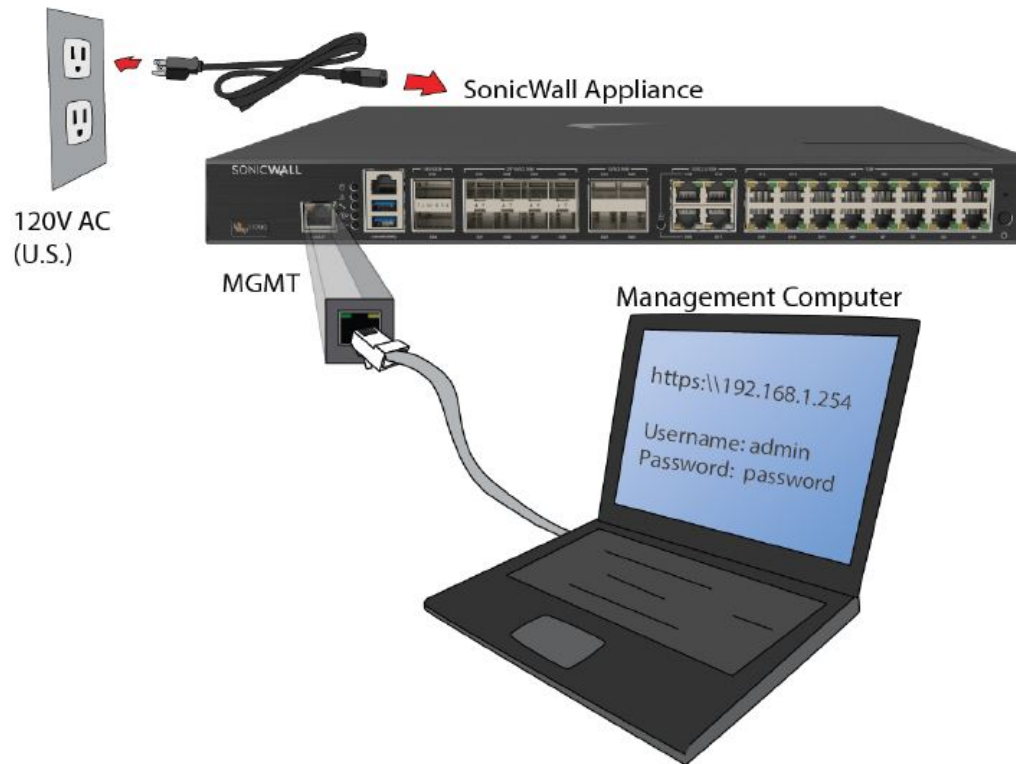
Blue = Powered on, Yellow = Defective redundant power supply

Rear Panel



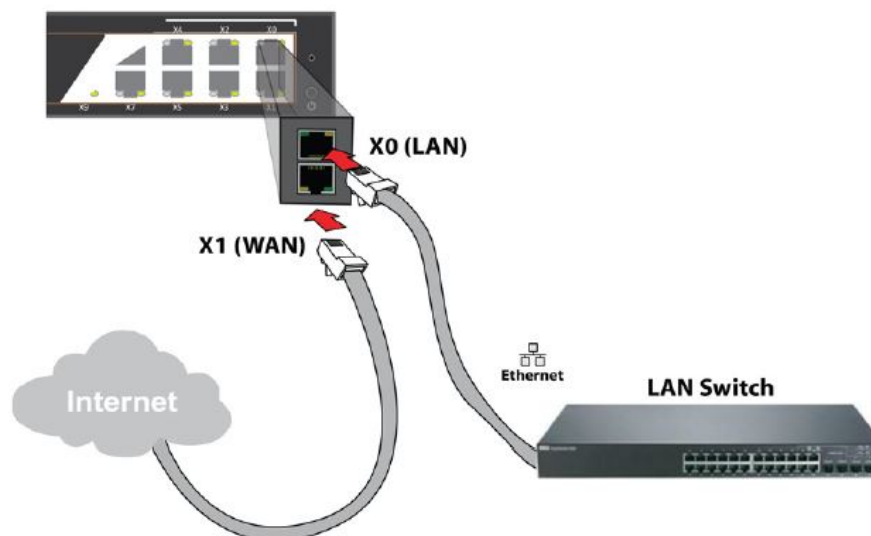
1. M1 1TB SSD Drive: Extended storage drive
2. M0 Slot for M.2 Module: Boot drive
3. System Fans (3)
4. Redundant Power Supply
5. Primary Power Supply

Connect and Power On



To power on your NSsp and connect the LAN and WAN:

1. Connect the provided power cord to the appliance and to an electrical outlet (100-240 volts). The NSsp powers on. The startup sequence takes about eight minutes.
2. Connect the NSsp LAN interface (X0 by default) to your local, internal network.
3. Connect the NSsp WAN interface (X1) to the internet.³



Setup Options

Setup using Local Management



Set up and manage your NSsp by connecting it to a management computer via Ethernet cable. To minimize scrolling, set your screen resolution to at least 1920 x 1080 pixels.

Setup using Cloud Management



Use SonicWall Capture Security Center (CSC) and Network Security Manager (NSM) with Zero Touch to manage and configure your NSsp from the cloud.

Setup using SonicExpress App



Use SonicWall SonicExpress on your smartphone to register and configure your NSsp

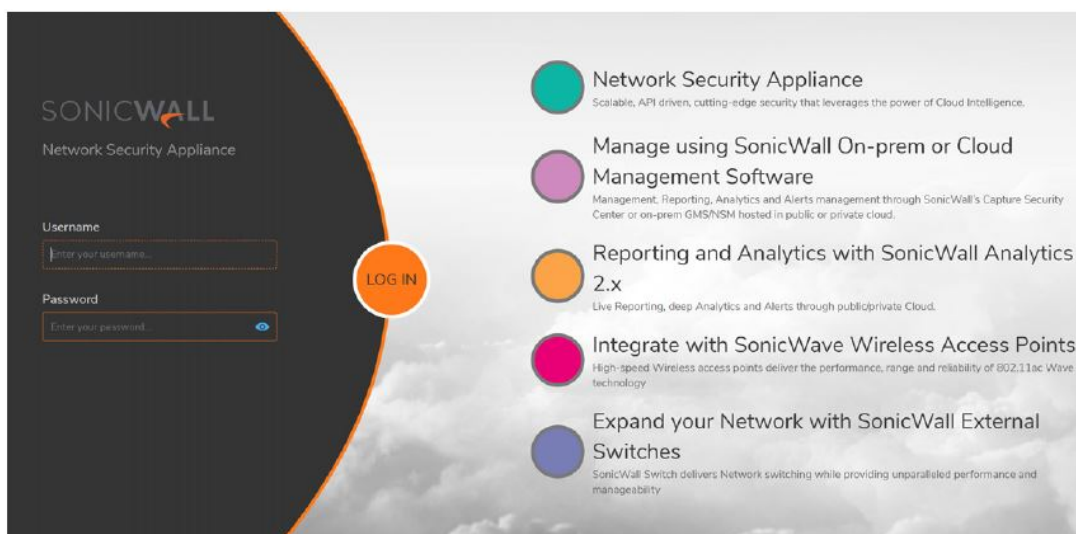
Note: After initial setup and registration, be sure to download the latest firmware from MySonicWall and upgrade your NSsp. Your appliance must be registered to download the latest firmware from MySonicWall.

Initial Setup and Registration Using Local Management

1. Configure your computer with a static IP address in the 192.168.1.x subnet, such as 192.168.1.100, and set the network mask to 255.255.255.0.
2. Using the provided Ethernet cable, connect the MGMT interface to your computer.
3. Navigate to <https://192.168.1.254> in your web browser and log in with the default credentials:
Username: admin
Password: password



4. Launch the Setup Guide wizard or manually configure the NSsp to configure your WAN interface, change the admin password, and select other settings.
5. After completing the setup wizard, reconfigure your computer to automatically obtain an IP address and DNS server address, or set it to the appropriate static network settings.
6. Connect your computer to the LAN or WAN network and log into SonicOS/X. The LAN provides a DHCP IP address to your computer. The default LAN IP address is <https://192.168.168.168>.



NOTE: You cannot reach the internet or other external destinations while connected to the MGMT interface without first configuring a default gateway in its interface settings.

7. Click Register and enter your MySonicWall credentials to register your NSsp.

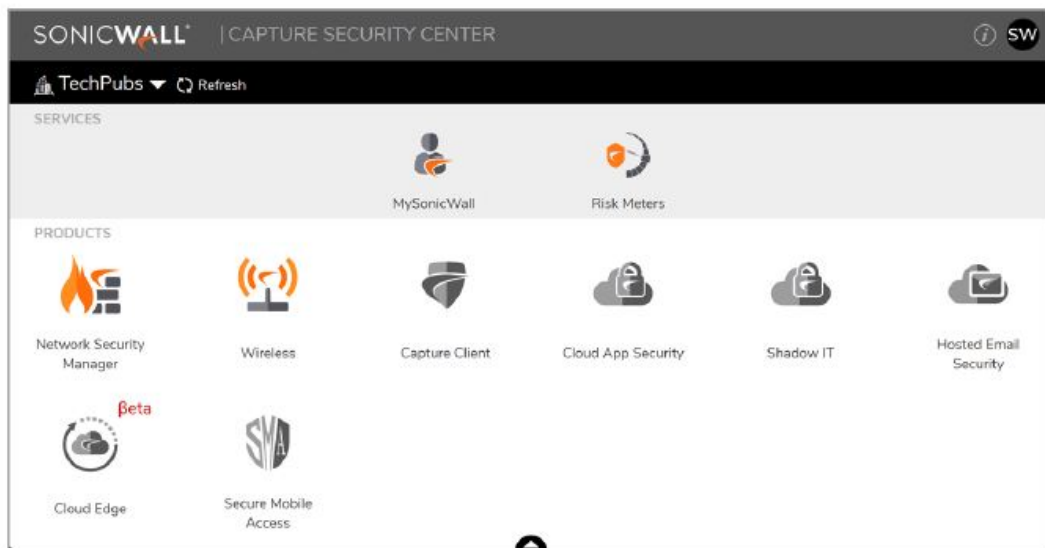
TIP: Registering the appliance from SonicOS/X requires that DNS settings are configured for the WAN interface. For DHCP WAN type, DNS is set automatically.

Cloud Management

Use CSC to access MySonicWall and NSM to register and manage your NSsp.

NOTE: This option requires a Cloud Management license

1. Log into CSC at cloud.sonicwall.com using your MySonicWall credentials.
2. Select the MySonicWall tile to register your NSsp.
3. Enable Zero Touch and NSM licensing on your NSsp in MySonicWall.
4. Select the Network Security Manager tile in CSC to manage your NSsp from the cloud.



ID	FRIENDLY NAME	SERIAL NUMBER	TENANT NAME	GROUPS	MODEL	IP ADDRESS	TAGS	VERSION	ZERO TOUCH	LINK	STATE
1	NSM100-NDAM-01	0000000000000000	NSM 2.0		Unknown			Unknown		Link Up	OK
2	NSM100-NDAM-01	0000000000000000	NSM 2.0		Unknown			Unknown		Link Down	OK
3	NSM100-NDAM-01	0000000000000000	NSM 2.0		Unknown			Unknown		Link Up	OK
4	NSM100-NDAM-01	1000000000000000	NSM 2.0		Unknown			Unknown		Link Up	OK
5	TZ350W-NDAM-01	1000000000000000	NSM 2.0		TZ 400	10.87.130.111.2102		SonicOS Enhanced 6.5.1.3-12n	✓	Link Up	OK
6	TZ350W-NDAM-01	2000000000000000	NSM 2.0		TZ 350 wireless PC	193.19.198.105.002		SonicOS Enhanced 6.5.4.5-03n	✓	Link Up	OK
7	TZ350W-NDAM-01	2000000000000000	NSM 2.0		Unknown			Unknown		Link Up	OK
8	TZ350W-NDAM-01	2000000000000000	NSM 2.0		SOH2250 wireless PC	10.97.130.111.2102		SonicOS Enhanced 6.5.4.6-67n	✓	Link Up	OK
9	TZ350W-NDAM-01	2000000000000000	NSM 2.0		TZ 570	10.97.130.111.2102		SonicOS Enhanced 7.0.0.0-47n-42-P-144-ca7ca055	✓	Link Up	OK

SonicExpress App

Use SonicExpress on your smartphone to register and configure your NSsp.

1. Download and launch the SonicExpress App on your iOS or Android device.
2. Tap Login and log in with your MySonicWall credentials.
3. Select the Tenant for the NSsp. Tenants can contain multiple SonicWall appliances.
4. Connect your iOS/Android device to the NSsp with the smartphone USB cable. This cable is not supplied with the NSsp.



NOTE: Use the USB cable from your mobile device

5. Use the Setup Guide to register the NSsp, synchronize service licenses, change the password, and configure essential interface settings.

SonicWall Secure SD-Branch

SD-Branch combines SD-WAN, SD-LAN, unified security and centralized management for distributed enterprises.

Related Products



TZ, NSsp, NSa Series

Next-generation Firewalls with Integrated SD-WAN



SonicWave APs

Wireless Access Points



SonicWall Switch

Network Access Switch



Capture Client

Endpoint Security



Cloud App Security

Secure Cloud Applications



Capture Security Center

Single-pane-of-glass Management with Zero-Touch Deployment

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For more information, visit <https://www.sonicwall.com/legal/>.



WARNING: A WARNING icon indicates a potential for property damage, personal injury, or death.

CAUTION: A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.

IMPORTANT, NOTE, TIP, MOBILE, or VIDEO: An information icon indicates supporting information.

To access the Support Portal, go to <https://www.sonicwall.com/support>.

Documents / Resources

	<p>SONICWALL NSsp 11700 Network Switch [pdf] User Guide NSsp 11700, Network Switch</p>
	<p>SONICWALL NSsp 11700 Network Switch [pdf] User Guide NSsp 11700 Network Switch, NSsp 11700, Network Switch, Switch</p>

References

- [MySonicWall](#)
- [sonicwall.com/legal/](#)
- [sonicwall.com/support](#)
- [sonicwall.com/support/contact-support](#)
- [Technical Documentation - SonicWall](#)