

SonicWall® NSa 6700

Quick Start Guide

For product information, use the QR code or go to
[SonicWall Tech Docs for NSa](#)



Regulatory Model Number	Product Name
1RK54-118	NSa 6700



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

Legend

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.

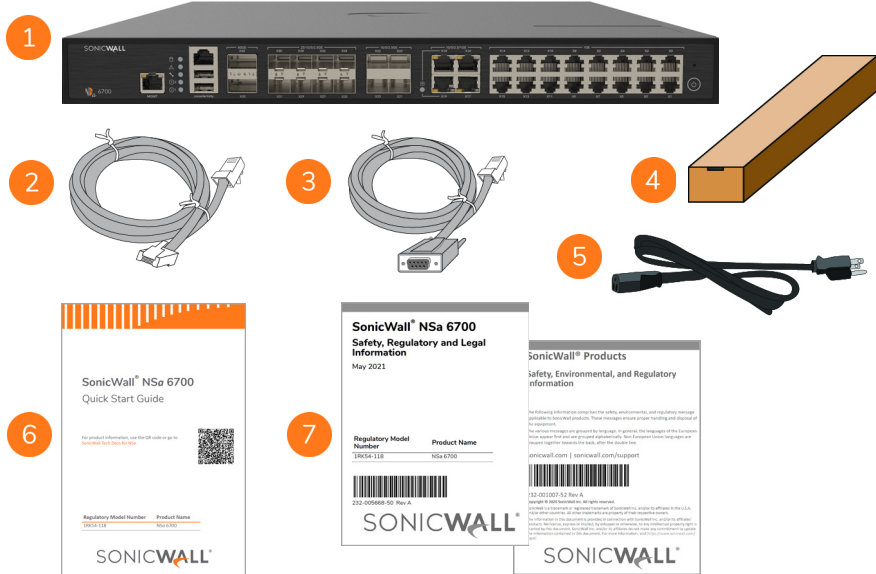
IMPORTANT, NOTE, TIP, MOBILE, or VIDEO: An information icon indicates supporting information.

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

SonicWall NSa 6700 Quick Start Guide
Updated - February 2023
232-005667-51 Rev A



1 Package Contents



1	NSa 6700 appliance
2	Ethernet cable
3	Serial console cable (RJ45 to DB9)
4	Rack mount kit
5	Power cord (1)
6	SonicWall NSa 6700 Quick Start Guide
7	Safety, Environmental, and Regulatory Information documents

NOTE: The included power cord is 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 cord is for AC main installation only. Refer to the *NSa 6700 Safety, Regulatory, and Legal Information* document for the additional safety information.

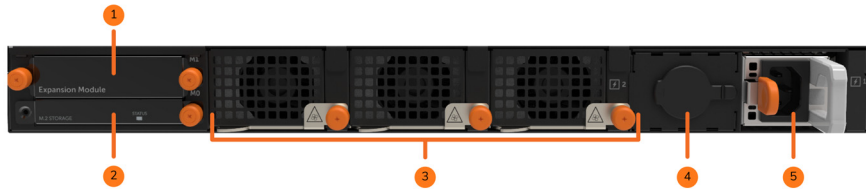
メモ: 添付の電源コードに関して電気安全を確保するために、弊社製品にご使用いただく電源コードは必ず製品同梱の電源コードをご使用ください。この電源コードは他の製品では使用できません。

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

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 NSa is without power and LED is OFF, LAN Bypass state is difficult to distinguish. It can be either: <ul style="list-style-type: none">Bypass Disabled (default), traffic cannot passBypass Enabled, power is lost, traffic can pass Yellow = Bypass Active and traffic is passing while NSa 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 NSa, and USB WWAN device support
12		Storage LED: Status on internal and external storage. 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

3 Rear Panel

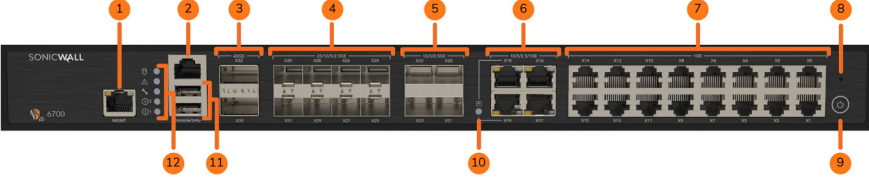
NSa 6700 Rear Panel



1	M1 Slot for SSD: Optional extended storage drive
2	M0 Slot for M.2 Module: Boot drive
3	System Fans (3)
4	Redundant Power Input (with cover plate): A redundant power supply can be ordered separately.
5	Primary Power Input

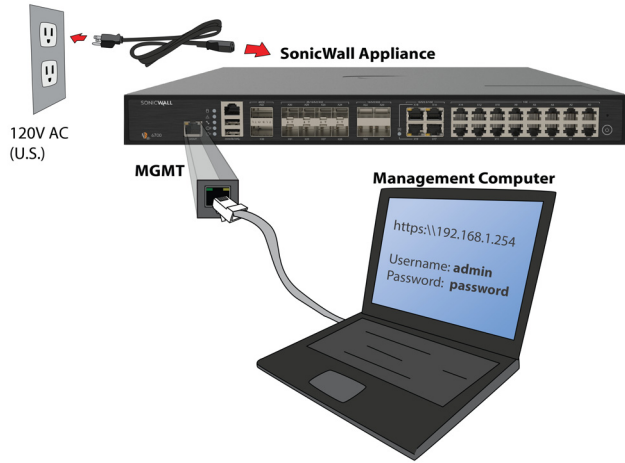
2 Front Panel

NSa 6700 Front Panel



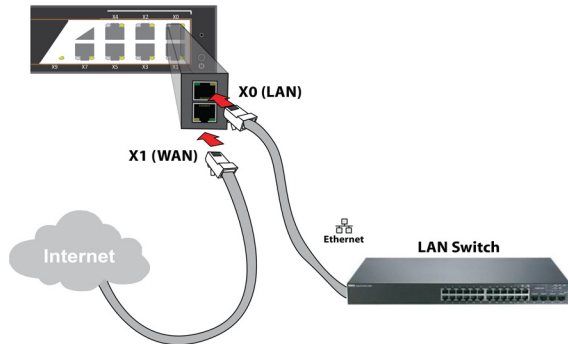
1	MGMT	MGMT Port - RJ45: The MGMT port is a dedicated 1GE interface for appliance management and SafeMode access. Solid Green = Link at 1G or lower, Blinking Green = Activity
2	console	Console Port - RJ45: Serial Console for CLI access
3	X32 - X33	40GE QSFP28 Ports and LEDs: Solid Amber = Link at 40G, 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: 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 NSa is up: Press button with a narrow, straight object. If NSa is down: Press while connecting NSa to power and hold until Test LED blinks yellow 3 times.

4 Connect and Power On



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

- 1 Connect the provided power cord to the appliance and to an electrical outlet (100-240 volts). The NSa powers on. The startup sequence takes about 8 minutes.
- 2 Connect the NSa LAN interface (X0 by default) to your local, internal network.
- 3 Connect the NSa WAN interface (X1) to the Internet.



5 Setup Options

Setup using Local Management



Set up and manage your NSa by connecting it to a management computer with an 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 NSa from the cloud.

Setup using SonicExpress App



Use SonicWall SonicExpress on your smartphone to register and configure your NSa.

- ① **NOTE:** After initial setup and registration, be sure to download the latest firmware from MySonicWall and upgrade your NSa. Your appliance must be registered to download the latest firmware from MySonicWall.

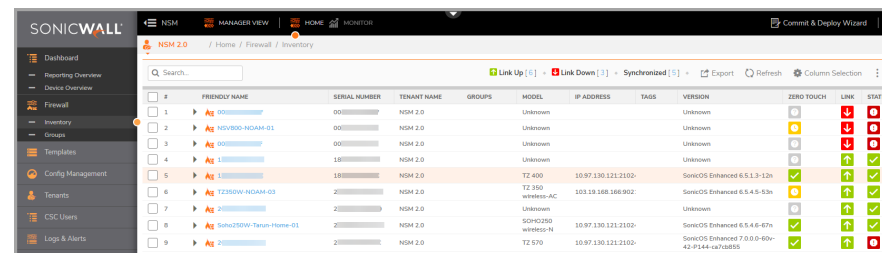
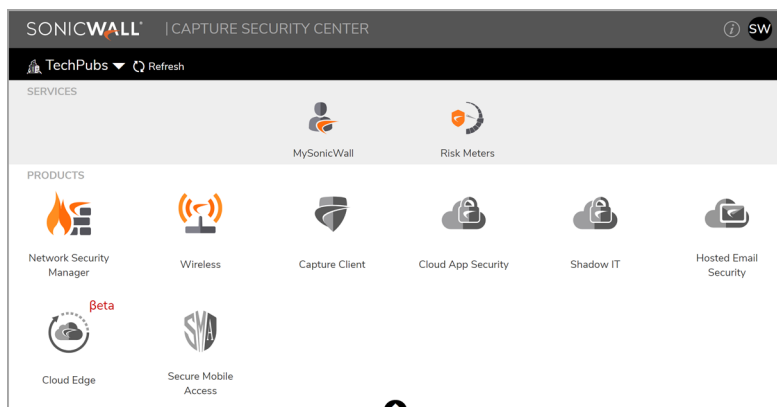
7 Cloud Management

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



- ① **NOTE:** This option requires a Cloud Management license.

- Log into CSC at cloud.sonicwall.com using your MySonicWall credentials.
- Select the **MySonicWall** tile to register your NSa.
- Enable **Zero Touch** and **NSM licensing** on your NSa in MySonicWall.
- Select the **Network Security Manager** tile in CSC to manage your NSa from the cloud.



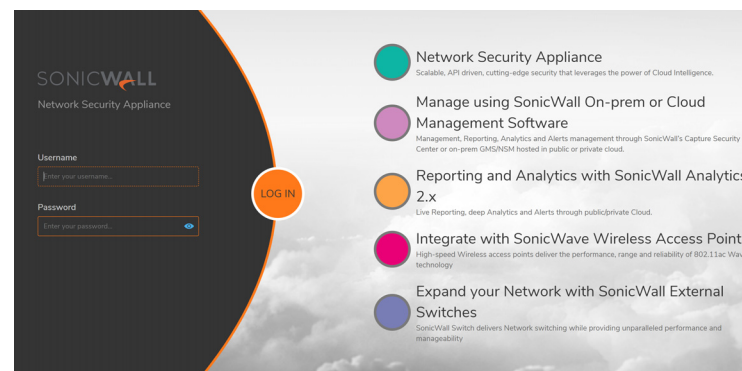
6 Initial Setup and Registration Using Local Management

- 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.
- Using the provided Ethernet cable, connect the MGMT interface to your computer.
- Navigate to <https://192.168.1.254> in your web browser and log in with the default credentials:
Username: **admin**
Password: **password**
- On successful login with default password, you are prompted to change the password.

NOTE: The default password must be changed at the time of your first log in. Use the new password for future login attempts.

- Launch the **Setup Guide** wizard or manually configure the NSa to configure your WAN interface, change the **admin** password, and select other settings.

- After completing the setup wizard, reconfigure your computer to automatically obtain an IP address and DNS server address or to the appropriate static network settings.
- 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>.



- ① **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.

- Click **Register** and enter your MySonicWall credentials to register your NSa.

- ① **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.

8 SonicExpress App

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



- Download and launch the SonicExpress App on your iOS or Android device.
- Tap **Login** and log in with your MySonicWall credentials.
- Select the tenant for the NSa. Tenants can contain multiple SonicWall appliances.
- Connect your iOS/Android device to the NSa with a smartphone USB cable. This cable is not supplied with the NSa.



- ① **NOTE:** Use the USB cable from your mobile device.

- Use the **Setup Guide** to register the NSa, synchronize service licenses, change passwords, and configure essential interface settings.

9 SonicWall Secure SD-Branch

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

Related Products



TZ, NSa, NSsp 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