

H600S Series Storage Nodes

Installation and Setup Instructions

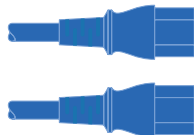
Prepare for installation | Stage 1



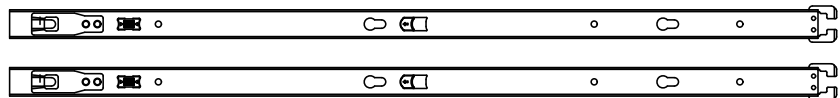
In the box



H600S series storage node



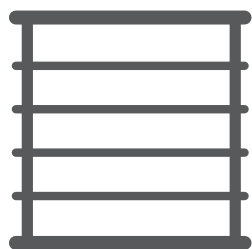
Power cables
(Two per chassis)



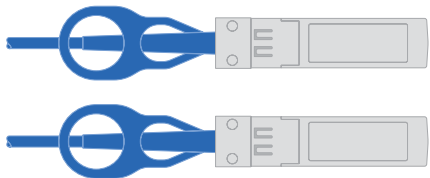
Slide rail kit



You provide



Rack space
1U per chassis



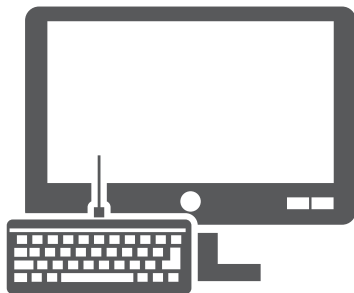
Two SFP28
or SFP+ cables



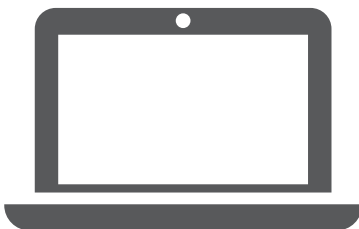
One cable with
RJ45 connector
for out-of-band
management



Two cables with
RJ45 connectors for
cluster management



Monitor with a VGA connection
and keyboard with a
standard USB connection



Any operating system (OS)
client with a browser



Access online



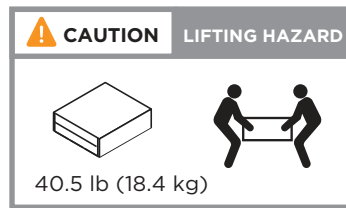
- [Element Software documents](#)
 - [End User License Agreement](#)
 - [Hardware Universe \(HWU\)](#)
- [How to access BMC and change IP address on H610S](#)
 - [NetApp SolidFire Resources page](#)
 - [Rail Kit Installation](#)

Install hardware | Stage 2

1 Install the rails.

2 Install the chassis.

See [Rail Kit Installation instructions](#).



Note:

- Ensure that you have installed the rack according to the safety instructions from the manufacturer.
- Ensure that the rack is stabilized. The heaviest equipment should be at the bottom of the rack.
- Follow proper grounding practices to avoid risk of electric shock.
- Follow proper airflow and cooling requirements to prevent hardware from overheating.
- A new chassis loaded with drives weighs 40.5 lb. Ensure that you have sufficient manpower to lift the chassis.

Cable the node | Stage 3

1GbE cables

- Connect the node to a 1GbE network using two RJ45 connectors.

10/25GbE cables

- Connect the node to a 10/25GbE network using two SFP28 or SFP+ cables.

1GbE cable

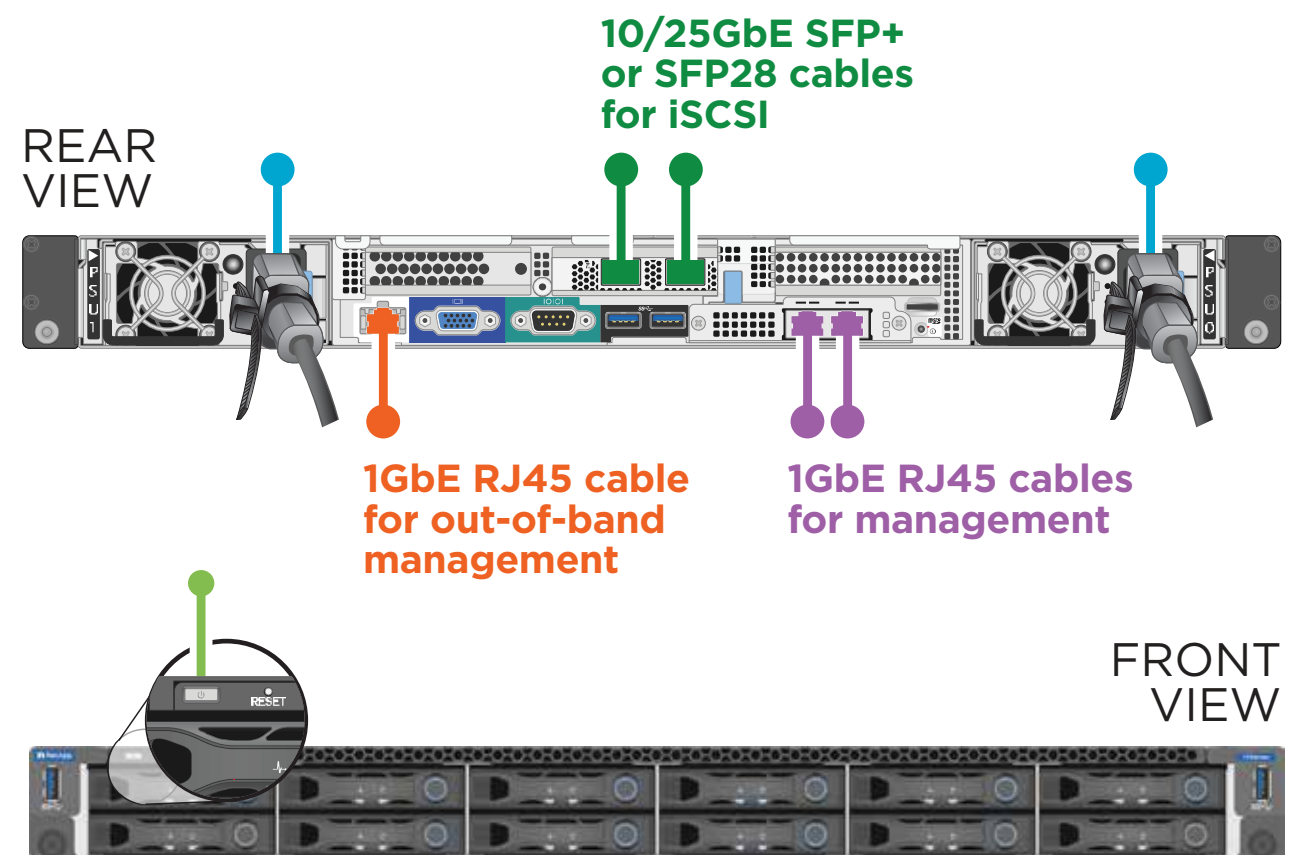
- Connect the node to a 1GbE network using an RJ45 connector in the IPMI port.

Power cables

- Connect both power cables to the node.
Plug the power cables to a suitable power outlet.

- Press the power button at the front of the chassis.

Note: It takes approximately five minutes and 30 seconds for the node to boot.



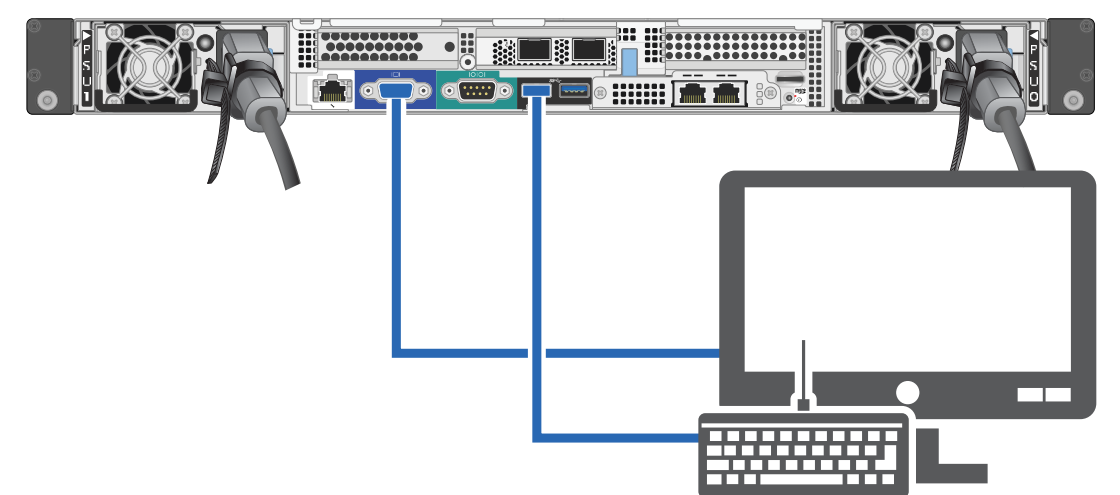
Configure the node | Stage 4

1 Attach a keyboard and monitor to the node.

Note: Ensure that the node is powered on.

2 In the terminal user interface (TUI) that is displayed, configure the network and cluster settings for the node by using the on-screen navigation.

Note: You must get the IP address of the node from the TUI. You need this in Stage 5. After you save the settings, the node is in a pending state, and can be added to a cluster. See the NetApp Element Software Setup Guide for configuration instructions. You can access the latest version of the Setup Guide from the [NetApp SolidFire Resources](#) page.



3 Configure out-of-band management using the Baseboard Management Controller (BMC).

- Use a web browser and navigate to the following IP address: 192.168.0.120
 - Log in using the following default credentials: **User name:** root **Password:** calvin
 - From the server management screen, select BMC Network Configuration to configure the network parameters for the out-of-band management port.
- See [How to access BMC and change IP address on H610S](#).

Create a new cluster | Stage 5

1 From a client on the same network as the newly configured node, access the NetApp Element software UI by entering the node's IP address.

2 Enter the required information in the Create a New Cluster window.

See the NetApp Element Software Setup Guide for instructions. You can access the latest version of the Setup Guide from the [NetApp SolidFire Resources](#) page.

