VTrak N1616 *Quick Start Guide*

Installation Overview

VTrak N1616 is shipped ready to use, configured with shared storage volumes on a RAID array. Users must download and install PROMISE Utility Pro software on the computer(s) used to manage the VTrak N1616 on the local network.

The initial setup procedure is summarized below:

Preparing to install

A. Unpacking the device

B. Install Software

Device Installation

1. Connecting the power and powering on
2. Power on system
3. Connecting network cable(s)

PROMISE Utility Pro

Use PROMISE Utility Pro for administration and collaboration.

PROMISE VTrak N1616 is shipped with hard disk drives (HDD) installed; with a RAID 5 configuration already setup. It is not necessary to install new HDD or configure RAID settings.

Preparing to install VTrak N1616

Ⓐ Unpacking

The VTrak N1616 box contains the following items:

- One VTrak N1616 enclosure including hard disk drives installed
- Sliding Rail hardware for Rack installation
- This Quick Start Guide
- Two 1.5m (4.9 ft) Power cords

Ⓑ Install Software

Download and install PROMISE Utility Pro on the host computer and collaborative user computers. Go to:

https://www.promise.com/Support/DownloadCenter/VTrak/N-Series/N1616

Download installation files for your Mac or WIndows computer.

Mac users double-click on file **R_PROMISE_Utility.dmg** to mount the virtual drive containing the installation software package. Then double-click on **PROMISE_Utility.pkg** to begin the software installation.

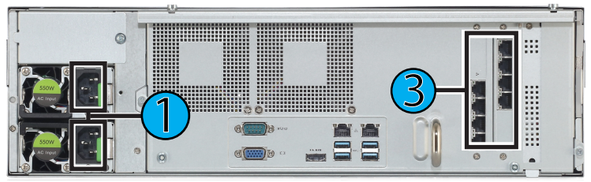
Windows users double-click on the PROMISE Utility Pro installation files to open the setup wizard and install the software.

Please see the product manual for more complete instructions on software installation.

① Connect power

VTrak N1616 enclosures are equipped with redundant power supplies located on the back panel. Insert the female end of each supplied power cord in to the power cord receptacles on the power supply units, and plug the other end of each power cord in to a suitable power outlet.

Back View - power & shared network connections (Share Ports)



② Power on

Press the **Power** button on the top left facing on the front of the device.

Front View - power button

③ Connect Network Share Port

Use suitable cabling to connect one of the Share Ports (10G/SFP+/25G SFP28) on the rear panel. The network cables for the Share Ports can be connected to a switched Ethernet network appropriate for the connection standard used on the device (i.e. (10G/SFP+/25G SFP28)) and according to the instructions found in the product manual for the switch or switches that make up the network.

The connection standard must be maintained from the device to the end user.

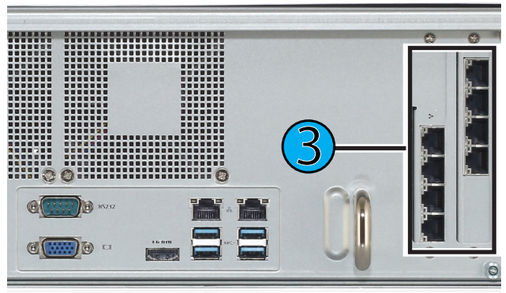
In other words:

- 10G BASE-T Share Ports must be connected to a 10G BASE-T switch, which is connected to user systems via 10G BASE-T ports.
- 10G SFP+ Share Ports must be connected to a 10G SFP+ switch, which is connected to user systems via 10G SFP+ ports.
- 25G SFP28 Share Ports must be connected to a 25G SFP28 switch, which is connected to user systems via 25G SFP28 ports.

SFP+ and SFP28 Share Ports: for questions regarding cabling, compatibility and connectivity, please consult the user documentation for the respective switches used in the network.

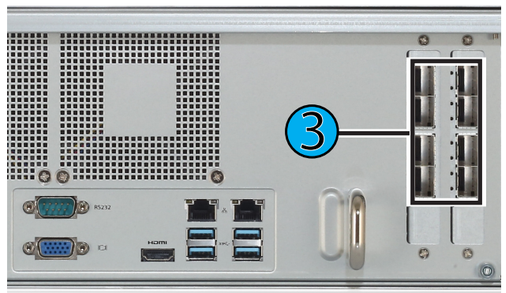
The Share Port enables the administrator to use PROMISE Utility Pro to manage the VTrak N1616 device, give access permission and create new shared or private folders. Other users connecting to the Share Port use PROMISE Utility Pro to mount shared folder for collaborative work.

10G BASE-T ports



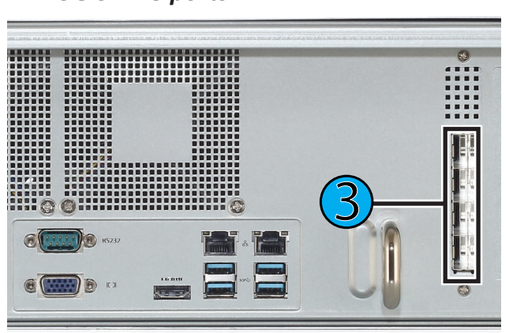
10G BASE-T Share Ports
Connect to 10G BASE-T switched network

10G SFP+ ports



10G SFP+ Share Ports
Connect to 10G SFP+ switched network

25G SFP28 ports



25G SFP28 Share Ports
Connect to 25G SFP28 switched network

For simplicity, it is recommended to use DHCP on for all computers connected to the network Share Ports.

PROMISE Utility Pro

Host Computer

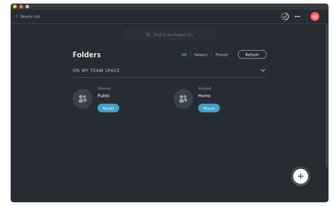
Use the host computer to launch PROMISE Utility Pro.

Log in as the VTrak N1616 system administrator using the default account log in: **User Account:** admin

Password: admin

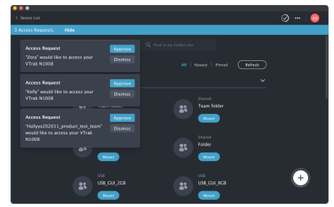
Host Folders

When connected to the VTrak N1616, the host will see a shared **Public Folder** and a shared **Home Folder**. New folders are created by clicking on the **New Folder** button.



Host Access Request

Collaborative user accounts will ask for permission to access the VTrak N1616. The host account can **Approve** or **Dismiss** the request.

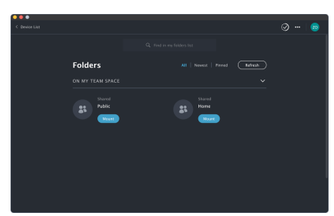


Collaborative Users

Launch PROMISE Utility Pro, the VTrak N1616 system will be located automatically. Click on **Continue with Mac Device** to automatically send an access request and set up your user account.

Collaborative User folder

An access request is automatically sent to the host computer - once access is granted, collaborative users see the default shared folders — **Public Folder**, **Home Folder**.



Install in rack

The instructions here apply to the VTrak N1616 3U 16-bay enclosure.

Cautions

- **Do not populate any enclosure hardware with hard drives until it has been securely installed in the rack.**
- **At least two persons are required to safely lift, place, and attach the enclosure hardware into a rack system.**
- **Do not lift or move the enclosure hardware by the handles, or power supplies. Hold the system itself.**
- **Do not install the enclosure hardware into a rack without rails to support the system.**
- **Only a qualified technician who is familiar with the installation procedure should mount and install the enclosure hardware.**
- **Mount the rails to the rack using the appropriate screws and flange nuts, fully tightened, at each end of the rail.**
- **Do not load the rails unless they are installed with screws as instructed.**
- **The rails available for the enclosure hardware are designed to safely support that enclosure hardware when properly installed. Additional loading on the rails is at the customer's risk.**
- **PROMISE, Inc. cannot guarantee that the mounting rails will support your VTrak N1616 enclosure hardware unless you install them as instructed.**

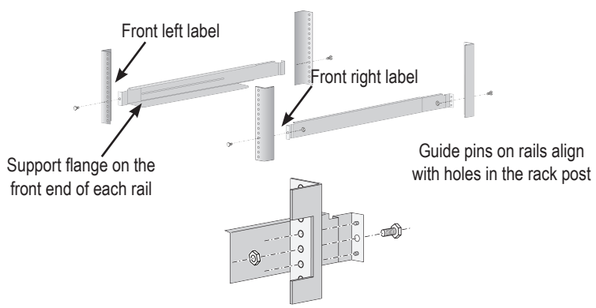
Caution

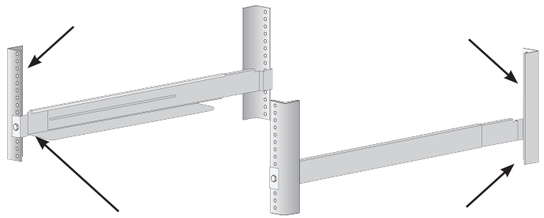
To lighten the enclosure, remove all hard drive carriers. Replace the drive carriers after the unit is mounted in your rack.

Before installing the VTrak N1616 3U enclosure in the rack, first remove the drive carriers with the hard disks installed to reduce the weight of the enclosure.

To install the VTrak N1616 subsystem into a rack with the supplied mounting rails:

1. Check the fit of the mounting rails in your rack system.
2. Adjust the length of the mounting rails as needed.
   - The rear rail slides inside the front rail. The rail halves are riveted together and use no adjustment screws.
   - The front-left and front-right mounting rail ends are labeled.





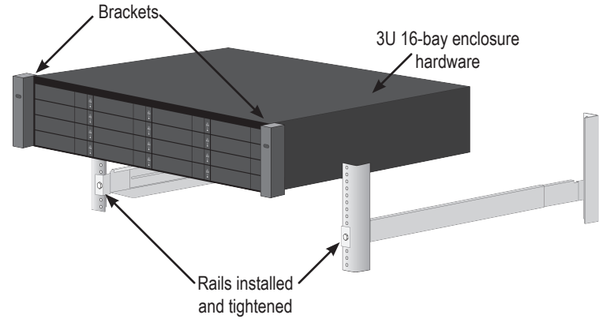
Rail ends attach on the outside of the front and rear rack posts

- Be sure the front rail support is on the bottom facing inward.
- All rail ends, front and rear, attach at the outside of the rack posts.
- The guide pins at the rail ends align with the holes in the rack posts.
- Use the attaching screws and flange nuts from your rack system. Tighten the screws and nuts according to instructions for your rack system.

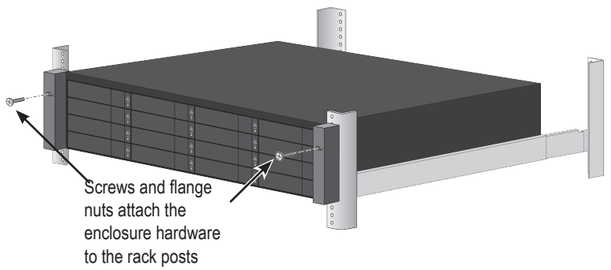
Caution

Two persons are needed to safely place the unit onto the rails.
DO NOT lift the unit by the handles

- Place the empty VTrak N1616 enclosure onto the rails.
- At least two persons are required to safely lift the subsystem.
- Lift the VTrak N1616 itself. Do not lift the subsystem by its handles.



3. Secure the VTrak N1616 to the rack.
   - The unit attaches to the rack posts using the included screws and flange nuts. One screw each side, in the upper hole only.
   - Use the attaching screws and flange nuts that came with the VTrak N1616

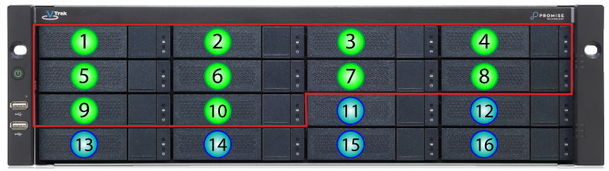


NVMe SSD Optimal Location

The number of NVMe SSD installed in the VTrak N1616 when shipped depends on customer preference. If you choose to install NVMe SSD later, please read the installation instructions in the product manual.

- NVMe SSD can be installed in drive bays 1-10.
- 3.5" HDD can be installed in all drive bays (1-16)

NVMe SSD use drive bays 1-10



For optimal performance, be sure to use drive bays 1-10 for NVMe SSD installation. HHD drives can use any bay (1-16).