



SymplyPRO Ethernet Appliance Quick Start Guide

If you have any support questions that are not addressed in this document, then please check our extensive FAQs or submit a support ticket on our support site.

Your feedback is important to us, so please let us know what you think of our products via email hello@gosymply.com



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What's in the Box

- (1) SymplePRO Ethernet unit (Tape, Bridge, or XTL Module).
- (2) SFP 10GBASE-SR optical transceivers and (2) SFP+ 10GBASE-T copper transceivers.
- (1) Ethernet cable (management).
- (1) Power cord.
- (1) Rack kit (for rack models).
- (1) ATTO Xtend SAN iSCSI Initiator License (macOS).
- (1) Welcome card
- (1) SympleATOM2
- (1) Choice of Hedge Canister or Yoyotta Archive Software.

Email: To claim free Xtend SAN and/or Archive software, email hello@gosymple.com with your product serial number and proof of purchase. License must be claimed within 90 days of purchase.

Tip: Retain all packaging for warranty returns.

Note: SymplePRO Ethernet supports a total of 4 LTO drives. Two internal and two external in the case of XTH/XTF and 1U/2U products, or 4 external in the case of the Bridge and XTL Module.

Important Safety Notes

- Connect to protective earth ground and comply with local electrical regulations. Improper grounding may result in an electrical shock and/or damage to the unit.
- Do not block airflow.
- Allow 24 hours acclimatization if moved between environments with large temperature/humidity differences.
- Always eject cartridges before powering off.

Recommended Tools

- Phillips screwdriver (1U / 2U rack and library installs).
- Antistatic wrist strap (recommended).

LTO Compatibility

	LTO-5 Data Cartridge	LTO-6 Data Cartridge	LTO-7 Data Cartridge	LTO-8 Data Cartridge	LTO-9 Data Cartridge	LTO-10 Data Cartridge
SymplyPRO LTO-7	Read Only	Read & Write	Read & Write	n/a	n/a	n/a
SymplyPRO LTO-8	n/a	n/a	Read & Write	Read & Write	n/a	n/a
SymplyPRO LTO-9	n/a	n/a	n/a	Read & Write	Read & Write	n/a
SymplyPRO LTO-10	n/a	n/a	n/a	n/a	n/a	Read & Write

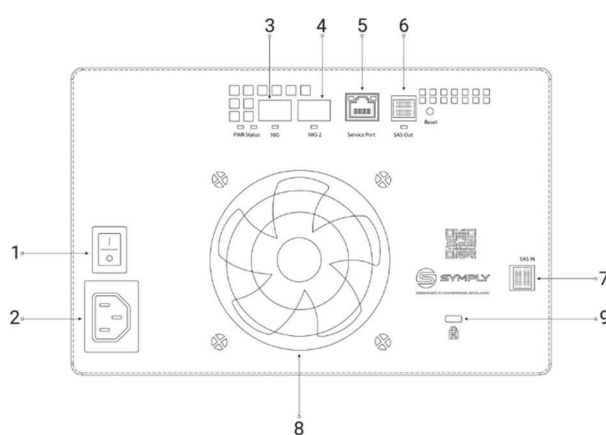
Operating Conditions

Environmental Factor	Recommended	Allowable	Non-Operating
Dry-Bulb Temperature	LTO-9 and LTO-10: 15 to 25 °C (59 to 77 °F) LTO-7 and LTO-8: 16 to 25 °C (61 to 77 °F)	LTO-9 and LTO-10: 15 to 30 °C (59 to 86 °F) LTO-7 and LTO-8: 16 to 30 °C (61 to 86 °F)	-23 °C to 49 °C (-40 °F to 140 °F)
Relative Humidity	LTO-9 and LTO-10: 20 to 50% (non-condensing) LTO-7 and LTO-8: 20 to 50% (non-condensing)	LTO-9 and LTO-10: 20 to 50% (non-condensing) LTO-7 and LTO-8: 20 to 50% (non-condensing)	5 to 80% (non-condensing)
Maximum Temperature Change	5 °C / hour	5 °C / hour	n/a
Maximum Humidity Change	5% / hour	5% / hour	n/a
Temperature Limitation for Humidity Conditions	LTO-9: Max Dew Point 22 °C (72 °F) LTO-7 and LTO-8 Wet Bulb Temperature <= 26 °C (79 °F)		
Maximum Altitude	3,048 m (10,000 ft)	3,048 m (10,000 ft)	12,192 m (40,000 ft)

⚡ Before You Begin

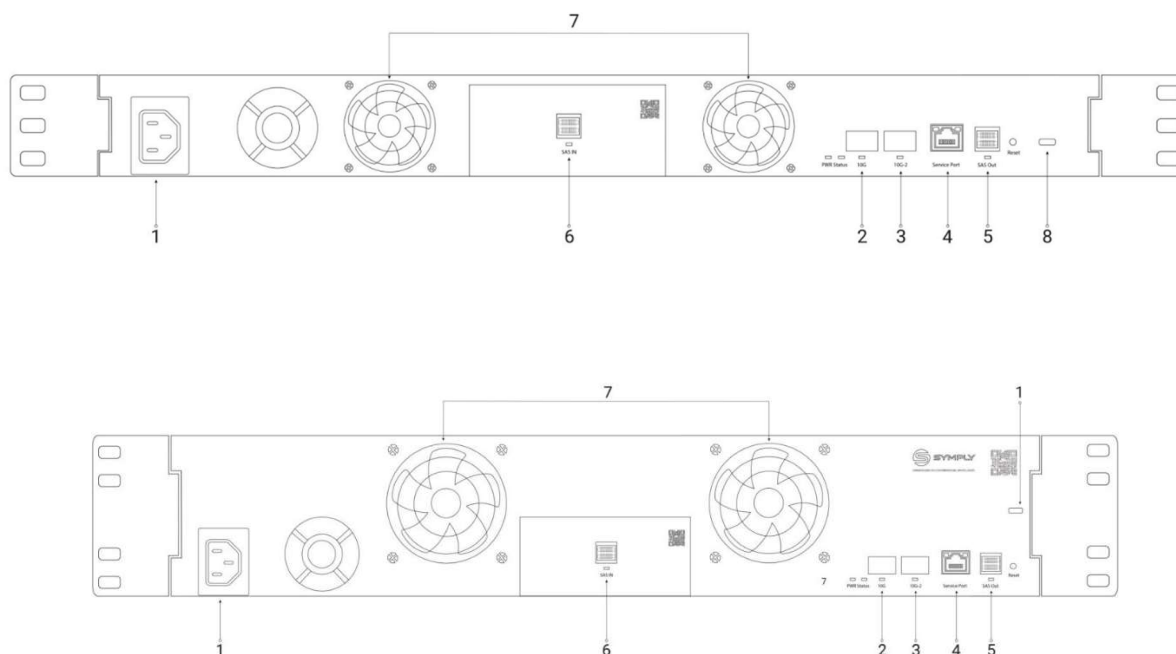
- Place desktop models on a **flat, secure surface**, or 1RU/2RU models in a suitable rack. Install XTL Module in XTL 24, 40, or 80 libraries.
- Ensure **clean, dry, well-ventilated environment**.
Avoid blocking **front and rear airflow**.
Allow **acclimatization** if temperatures differ significantly (up to 24 hours recommended).
- Avoid soft surfaces (carpet) and check that air inlets are not blocked.

SymplyPRO Ethernet XTH/XTF Diagram



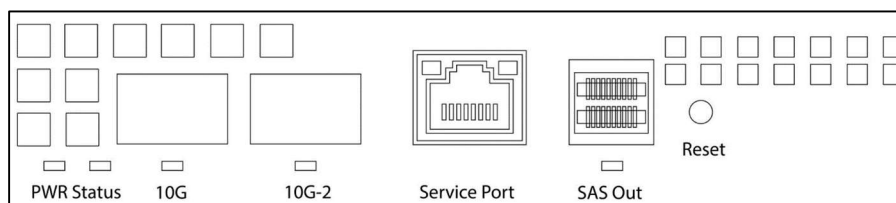
Number	Description
1	Power Switch (On/Off)
2	Power Inlet
3	DP 1 (10 GbE SFP)
4	DP 2 (10 GbE SFP)
5	Service / Management Port (GbE RJ45)
6	SAS Expansion Port
8	Fan
9	Kensington Lock

SymplePRO Ethernet 1U/2U Rack and 1U Bridge Diagram



Number	Description
1	Power Inlet
2	DP 1 (10 GbE SFP)
3	DP 2 (10 GbE SFP)
4	Service / Management Port (GbE RJ45)
5	SAS Expansion Port
6	SAS Host Port (Not applicable to bridge only)
7	Fan
8	Kensington Lock

LEDs, Ports, and Reset Button



Item	Description
PWR	Indicates the power status of the IP-to-SAS Bridge. Illuminates green when powered on
Status / Alert LED	Bi-colour green/yellow shared LED. Green indicates the unit has completed initialization and is ready for use. Yellow indicates an alert or fault condition in the IP-to-SAS Bridge.
10G-1 LED	DP 1 LED lights solid green for a valid link and blinks to indicate activity.
10G-2 LED	DP 2 LED lights solid green for a valid link and blinks to indicate activity.
SAS Out LED	Located below the expansion port mini-SAS HD connector. Blinks to indicate SAS activity
Service / Management Port LED 1	The LED on the left (facing the connector, LED1) illuminates solid green when linked at 1 Gb/s, and is off when linked at 100 Mb/s or not linked.
Service / Management Port LED 2	The LED on the right (LED0) blinks green to indicate activity.
Reset	Recessed reset button

Connecting Power and Network

1. Connect the **IEC power cord** to the PSU.
2. Connect **Management Port** (GbE RJ45) to your admin network.
3. Connect **Data Ports** (10 GbE) to your iSCSI network (direct or via switch).
4. For external SAS tape drives, connect via **SAS Expansion Port**.
 - Use included SFP transceivers.
 - Rack units ship with mounting rails/kits.

Note: Data Ports do not function at GbE.

Powering On

- Ensure **all connections are secure**.
- For models with integrated LTO drives, confirm **LTO drives are installed**.
- Power on external SAS LTO targets (if present) first.
- Switch on SymplyPRO Ethernet.
- POST takes ~ **2 minutes**.
 - Status LED turns green when complete.

Important: Never power off with a tape cartridge loaded.

Default IP Addresses

- **Management Port:** 192.168.0.1
 - **Data Port 1:** 10.0.0.1
 - **Data Port 2:** 172.16.0.1
-
- **Note:** DHCP is disabled by default.
 - **Note:** Change IPs via Web UI or CLI.

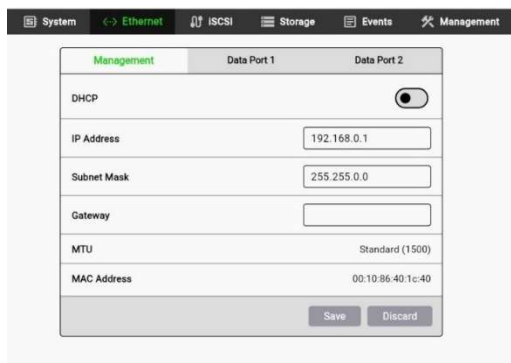
Accessing the Web User Interface

1. Connect your computer to **Management Port**.
2. Set computer IP to **192.168.0.2 / 24**.
3. Open browser: <https://192.168.0.1>
4. Login:
 - a. Username: admin
 - b. Password: "ATt" + Processor Serial Number (located on unit & welcome card)

Note: A unit with the processor Serial Number "ET8122T100009" would therefore have a password of "ATtET8122T100009"

Changing Network Settings

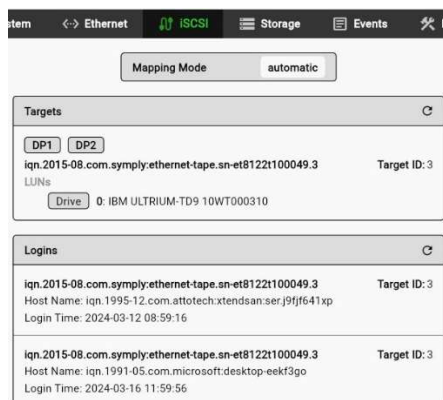
- Via **Web User Interface**
- Select the **Ethernet Tab**
- Configure static or DHCP for Management and Data Ports.
 - If setting DHCP, ensure you have access to the DHCP server to obtain the assigned address.
- Recommended MTU: **9000** (for Jumbo frames) across entire network.
- Assign **separate subnets** to Data Port 1 and Data Port 2 for best performance.
- Select **Save Changes** to automatically saves the changes, no reboot is required.



Note: See user guide for more details on network settings (pages 37, 41, 45, and 49)

iSCSI Configuration

- Data Ports support 10 Gb **iSCSI over TCP/IP**.
- Up to **4 sessions per port, 8 total sessions** for dual-port models.
- Select the **iSCSI tab**
 - Displayed under this tab is a list of all the iSCSI mapped targets that you can login to from your operating system's iSCSI initiator.
 - Once the SymplyPRO Ethernet target is discovered by an initiator the corresponding login will be displayed in the screenshot below.



- The default is **mapping mode** is **automatic**.

Note: See user guide for more details on iSCSI Configuration (pages 42 and 46-49).



macOS Setup

- Install **ATTO Xtend SAN** (one license included).
- Connect both Data Ports to your 10 GbE network.
- If using ATTO NICs, use **ATTO 360™** and apply the Symple profile for optimal performance tuning.
- If using non-ATTO NICs, please see user guide for more detail (page 48).
- Configure target IQNs in Xtend SAN, see user guide for more detail (pages 52-57).



Windows Setup

- Ensure 10 GbE NIC drivers are current.
- Connect both Data Ports to your 10 GbE network.
- If using ATTO NICs, use **ATTO 360™** and apply the Symple profile for optimal performance tuning.
- If using non-ATTO NICs, please see user guide for more detail (page 47).
- Configure native iSCSI initiator, please see user guide for more detail (pages 58-64).
- Configure initiator IQNs and target discovery.
- Update or install Windows tape driver.
 - Open the **Device Manager**.
 - Under the **Other devices** category, you will see **IBM ULTRIUM-XXX SCSI Sequential Device**.
 - Right-click and select **Update Driver**.
 - Click **Browse my computer for drivers**.
 - Click **Let me pick from a list of available drivers on my computer**.
 - Select **LTO Tape drive** (or **Cassette Drive**) and click **Next**.
 - When a warning is displayed select "Yes" to continue
 - The Windows LTO driver will install.
 - Device Manager will show the **IBM drive under the Tape drives icon**.

Note: For Windows Server you will need to download and install the IBM LTO Tape driver for the relevant version of Windows Server. These can be downloaded from the Symple support website. Follow the instructions in the installer



Linux Setup

- Ensure 10 GbE NIC drivers are current.
- Connect both Data Ports to your 10 GbE network.
- If using ATTO NICs, use **ATTO 360™** and apply the Symple profile for optimal performance tuning.
- If using non-ATTO NICs, please see user guide for more detail (page 48)
- Install and/or configure native or third-party iSCSI initiator.
- Configure initiator IQNs and target discovery, please see user guide for more details (pages 65-66).

Updating Firmware

SymplyPRO Ethernet will always ship with the most up to date firmware. The SymplyPRO Ethernet firmware is distributed as a .zbd file from the [Symply Support Web Site](#)

To update the firmware:

- Via **Web User Interface**
- Select the **Management** Tab
- Click on **Update Firmware**
 - Point the browser to the location of the *.zbd file
- Once the firmware update is complete, click on Reboot, to enable the new firmware.
 - The reboot will take approximately 2 to 5 minutes.

Important: Updating the Firmware requires a reboot and will take 2 to 5 minutes. Stop all LTO activity and eject tape cartridges from the LTO drives before updating the Firmware.

Important Notes

- Always **eject cartridges** before power-off.
- Ensure **protective earth ground** is used.
- Maintain **clear airflow** at front and rear.
- Allow **24 hours acclimatization** after large environmental changes.

Need Help?

- Visit <https://support.gosymply.com/support/solutions/80000463203>
- Email: support@gosymply.com

Firmware Release Details

These product release notes define the features, known issues and release details that apply to the SymplyPRO Ethernet firmware version 2.06 that was released 8th July 2025.

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