

Sonnet SOLO-NBASE-T

Sonnet Solo2.5 USB-C to 2.5 Gigabit Ethernet Adapter User Manual

Model: SOLO-NBASE-T

1. INTRODUCTION

The Sonnet Solo2.5 USB-C to 2.5 Gigabit Ethernet Adapter is designed to provide high-speed 2.5 Gigabit Ethernet connectivity to your computer via a USB-C or Thunderbolt port. This compact and bus-powered adapter is ideal for enhancing network performance for various applications, including fast data transfers, streaming, and gaming, without the need for external power or complex driver installations.

It supports the NBASE-T standard, allowing for 2.5Gb/s speeds when connected to compatible switches or routers, and is also backward compatible with 1 Gb/s and 100 Mb/s speeds.



Figure 1: Sonnet Solo2.5 USB-C to 2.5 Gigabit Ethernet Adapter. This image shows the compact black adapter with its integrated USB-C cable and the Ethernet port, featuring the Sonnet logo and "2.5G" indicator.

2. SETUP AND INSTALLATION

The Sonnet Solo2.5 adapter is designed for straightforward installation with zero driver requirements for most modern operating systems. Follow these steps to set up your adapter:

- 1. Connect to Computer:** Plug the USB-C connector of the Solo2.5 adapter into an available USB-C or Thunderbolt port on your computer. The adapter is bus-powered, meaning it draws power directly from the connected port and does not require an external power adapter.
- 2. Connect to Network:** Connect a standard Ethernet cable (Cat 5e or better) from your network switch, router, or modem to the RJ45 port on the Solo2.5 adapter.
- 3. System Recognition:** The drivers for the Solo2.5 adapter are typically integrated into your computer's operating system (Windows, macOS, Linux, ChromeOS, iPad Pro). No manual driver installation is usually required.
- 4. Restart (macOS Tip):** For macOS systems, it is recommended to restart your computer after connecting the adapter for the first time to ensure proper recognition and optimal performance.



Figure 2: Connecting the Sonnet Solo2.5 adapter to an Ethernet cable. This image shows a close-up of the adapter with an Ethernet cable plugged into its RJ45 port, ready for network connection.

3. OPERATING INSTRUCTIONS

Once connected, the Sonnet Solo2.5 adapter will automatically configure itself for network access. It supports various operating speeds and network environments:

- **Speed Negotiation:** The adapter automatically negotiates the highest possible speed with your network equipment, supporting 2.5 Gigabit, 1 Gigabit, and 100 Megabit Ethernet speeds. For 2.5Gb/s speeds, ensure your network switch or router also supports the NBASE-T standard.
- **Broad Compatibility:** The Solo2.5 is compatible with a wide range of devices and operating systems, including Windows, Linux, macOS, ChromeOS, and certain iPad Pro models.
- **Network Indicators:** The adapter may feature LED indicators (if present on the device) to show link status and activity. Refer to your computer's network settings for detailed connection information.

Double+ Network Performance

250% the Speed of Gigabit Ethernet



Figure 3: Double+ Network Performance. This diagram illustrates the enhanced network performance capabilities of the Sonnet Solo2.5 adapter, highlighting its ability to deliver 250% the speed of standard Gigabit Ethernet.

Upgrade to 2.5G Ethernet with Existing Cat 5e Cable

No need to rewire your building; existing wiring already supports up to 2.5Gbps

Figure 4: Upgrade to 2.5G Ethernet with Existing Cat 5e Cable. This image explains that existing Cat 5e cabling can support up to 2.5Gbps, eliminating the need for new wiring when upgrading to 2.5G Ethernet with the adapter.

4. MAINTENANCE

The Sonnet Solo2.5 USB-C to 2.5 Gigabit Ethernet Adapter requires minimal maintenance due to its robust design and lack of moving parts. Adhere to the following guidelines to ensure its longevity:

- **Cleaning:** Use a soft, dry, lint-free cloth to gently wipe the exterior of the adapter. Avoid using liquid cleaners, aerosols, or solvents, as these can damage the device.
- **Storage:** When not in use, store the adapter in a cool, dry place away from direct sunlight and extreme temperatures. Its compact size makes it easy to transport and store.
- **Cable Care:** Avoid bending or crimping the integrated USB-C cable excessively to prevent internal damage.

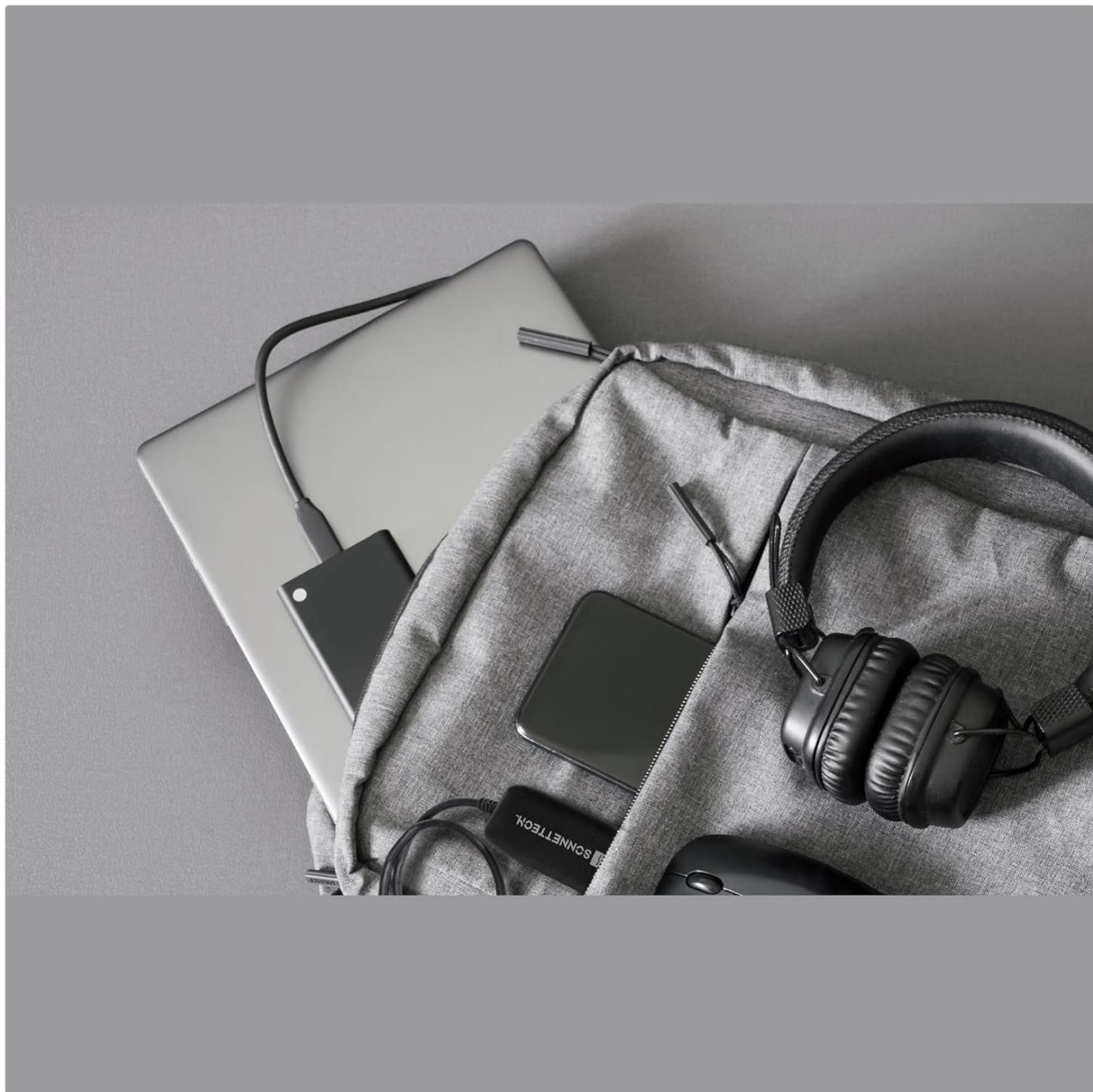


Figure 5: Portability of the Sonnet Solo2.5 adapter. This image shows the compact adapter easily fitting into a bag alongside a laptop, headphones, and other accessories, emphasizing its travel-friendly design.

5. TROUBLESHOOTING

If you encounter issues with your Sonnet Solo2.5 adapter, consider the following troubleshooting steps:

- **No Network Connection:**

- Ensure the USB-C cable is fully seated in your computer's port.
- Verify the Ethernet cable is securely connected to both the adapter and your network device (router/switch).
- Check the status of your network router or switch.
- Try connecting the adapter to a different USB-C or Thunderbolt port on your computer.
- If using macOS, restart your computer after connecting the adapter.

• **Slow Network Speed:**

- Confirm that your network switch or router supports 2.5 Gigabit Ethernet (NBASE-T) for optimal speeds.
- Ensure you are using a Cat 5e or better Ethernet cable.
- Check your computer's network settings to confirm the adapter is recognized and operating at the expected speed.
- Test with a different Ethernet cable.

• **Adapter Not Recognized:**

- Disconnect and reconnect the adapter.
- Restart your computer.
- Ensure your operating system is up to date.
- Test the adapter on another compatible computer if possible to rule out a computer-specific issue.

6. SPECIFICATIONS

Feature	Detail
Model Number	SOLO-NBASE-T
Brand	Sonnet
Hardware Interface	Ethernet, Thunderbolt, USB Type C
Data Link Protocol	Ethernet, Gigabit Ethernet (2.5Gb/s, 1Gb/s, 100Mb/s)
Data Transfer Rate	Up to 2.5 Gigabits Per Second
Compatible Operating Systems	ChromeOS, Linux, macOS, Windows
Color	Black
Product Dimensions	2.88 x 1.07 x 0.63 inches
Item Weight	1.6 ounces (0.1 Pounds)
Manufacturer	Sonnet Technologies
UPC	732311013676

7. WARRANTY INFORMATION

Sonnet Technologies products typically come with a limited warranty. For specific warranty terms and conditions applicable to your Solo2.5 USB-C to 2.5 Gigabit Ethernet Adapter, please refer to the warranty card included with your product or visit the official Sonnet Technologies website. Keep your proof of purchase for warranty claims.

8. CUSTOMER SUPPORT

For technical assistance, product inquiries, or support, please contact Sonnet Technologies customer service. You can find contact information and additional resources, including FAQs and driver downloads (if applicable), on the official Sonnet Technologies website:

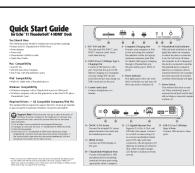
[Visit Sonnet Technologies Website](#)

When contacting support, please have your product model number (SOLO-NBASE-T) and purchase details ready.

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This manual is for informational purposes only. Specifications are subject to change without notice.

Related Documents

	<p>Sonnet Apple Accessories: Adapters, Docks, Mac Expansion & More</p> <p>Explore Sonnet's comprehensive range of high-performance accessories for Apple Mac computers, including Thunderbolt docks, PCIe expansion systems, adapters, and storage solutions.</p>
	<p>Sonnet Echo 11 Thunderbolt 4 HDMI Dock Quick Start Guide</p> <p>Comprehensive quick start guide for the Sonnet Echo 11 Thunderbolt 4 HDMI Dock. Learn about compatibility, port functions, setup, and troubleshooting for Mac, iPad, and Windows devices.</p>
	<p>Sonnet R-1415BT AM/FM Clock Radio with Bluetooth Owner's Manual</p> <p>This manual provides operating instructions and safety precautions for the Sonnet R-1415BT AM/FM clock radio with Bluetooth, featuring a 0.9" LED display, AUX-in, amplification, and dual USB and 110V outputs.</p>
	<p>Sonnet eGFX Breakaway Box Quick Start Guide</p> <p>This guide provides quick start instructions for installing a PCIe card into the Sonnet eGFX Breakaway Box. It covers safety precautions, installation steps, and contact information for customer support.</p>

[Sonnet Technologies Thunderbolt Docks, Hubs, Adapters, eGPUs, and PCIe Cards Compatibility List](#)

A comprehensive compatibility list from Sonnet Technologies detailing their Thunderbolt docks, hubs, adapters, eGPUs, and PCIe cards for macOS Sonoma(14), Sequoia(15), and Tahoe(26), as well as Intel Macs. Includes product SKUs and compatibility notes.

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Thunderbolt iPad Pro iPadOS 16 **SOLO-NBASE-T** 2 USB-C RJ45 1 2.5GbE Realtek
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