

## Delock 42012

# Delock USB4 40 Gbps Enclosure for 1 x M.2 NVMe SSD - Tool-Free Model 42012 Instruction Manual

## 1. PRODUCT OVERVIEW

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The Delock USB4 40 Gbps Enclosure (Model 42012) provides a high-speed, tool-free solution for externalizing one M.2 NVMe SSD. This enclosure supports data transfer rates up to 40 Gigabits Per Second, making it ideal for demanding applications requiring fast storage access. Its robust design ensures reliable performance and portability.



*Image 1: Delock USB4 40 Gbps Enclosure retail packaging. The image displays the product box, showing the enclosure and its components.*

## 2. PACKAGE CONTENTS

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Please verify that all items are present in your package:

- 1 x Delock USB4 40 Gbps Enclosure (Model 42012)
- 1 x USB4 Cable (USB-C to USB-C)
- 2 x Thermal Pads for M.2 SSD
- 2 x M.2 SSD Mounting Screws
- 1 x Screen protector (as per product listing)
- 1 x User Manual (this document)



Image 2: Included accessories. This image shows the USB-C to USB-C cable, two thermal pads, and two small screws, which are typically used for securing an M.2 SSD.

### 3. SYSTEM REQUIREMENTS

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To ensure optimal performance, your system should meet the following requirements:

- Host device with a free USB4, Thunderbolt 3, or Thunderbolt 4 port.
- Operating System: Windows, macOS, Linux (with appropriate driver support for USB4/Thunderbolt).
- One M.2 NVMe SSD (2230, 2242, 2260, or 2280 form factor).

### 4. SETUP

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Follow these steps to install your M.2 NVMe SSD into the enclosure:

1. **Open the Enclosure:** Gently slide the cover of the enclosure to open it. This enclosure is designed for tool-free access.
2. **Install Thermal Pad (Optional but Recommended):** If your M.2 NVMe SSD did not come with a pre-applied thermal pad, peel off the protective film from one side of the provided thermal pad and place it onto the SSD controller chip.
3. **Insert M.2 NVMe SSD:** Carefully align your M.2 NVMe SSD with the M-key slot inside the enclosure. Insert the SSD at a slight angle and then gently push it down until it lies flat.
4. **Secure M.2 NVMe SSD:** Use one of the provided mounting screws to secure the M.2 NVMe SSD in place at the opposite end of the connector.
5. **Close the Enclosure:** Slide the cover back onto the enclosure until it clicks securely into place.
6. **Connect to Host Device:** Connect one end of the USB4 cable to the enclosure and the other end to a free USB4 or Thunderbolt port on your computer.



Image 3: Enclosure interior and M.2 NVMe slot. This image illustrates the enclosure with its top cover removed, revealing the internal circuit board and the M.2 NVMe slot ready for SSD installation.

## 5. OPERATING INSTRUCTIONS

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Once the SSD is installed and the enclosure is connected to your computer, it should be automatically detected by your operating system. You may need to initialize and format the new SSD if it's not already formatted.

- **Initialization and Formatting:** For new SSDs, open Disk Management (Windows) or Disk Utility (macOS) to initialize the disk and create a new partition. Follow the on-screen prompts.
- **Data Transfer:** Drag and drop files to and from the external SSD as you would with any other storage device. The USB4 interface provides high-speed data transfer.
- **Safe Removal:** Always safely eject the device from your operating system before disconnecting the cable to prevent data corruption.

## 6. MAINTENANCE

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Proper maintenance ensures the longevity and performance of your enclosure:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the enclosure. Avoid liquid cleaners or solvents.
- **Storage:** Store the enclosure in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Handling:** Avoid dropping or subjecting the enclosure to strong impacts, as this can damage the internal components.

## 7. TROUBLESHOOTING

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If you encounter issues, refer to the following common problems and solutions:

- **Enclosure not detected:**
  - Ensure the USB4 cable is securely connected to both the enclosure and the host device.
  - Try connecting to a different USB4 or Thunderbolt port on your computer.
  - Verify that the M.2 NVMe SSD is correctly seated and secured inside the enclosure.
  - Test with a different USB4 cable if available.
- **Slow data transfer speeds:**
  - Ensure your host device has a USB4 or Thunderbolt port capable of 40 Gbps. Connecting to a slower USB port will limit performance.
  - Verify that your M.2 NVMe SSD is capable of high speeds.
  - Close other applications that might be consuming system resources or disk I/O.
- **SSD not appearing in "My Computer" or "Finder":**
  - For new SSDs, it needs to be initialized and formatted via Disk Management (Windows) or Disk Utility (macOS).
  - Check device manager (Windows) or system information (macOS) to see if the device is recognized at a lower level.

## 8. SPECIFICATIONS

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Feature	Specification
Model	42012
Brand	Delock
Hardware Interface	Thunderbolt, USB, USB Type C (USB4 compatible)
Data Transfer Rate	Up to 40 Gigabits Per Second
Compatible Devices	Laptop, Desktop PCs with USB4/Thunderbolt ports
Supported SSD Type	1 x M.2 NVMe SSD (M-key)
Supported SSD Form Factors	2230, 2242, 2260, 2280
Enclosure Material	Faux Leather (as per product listing, likely refers to a case or finish)
Item Weight	0.21 Kilograms

## 9. WARRANTY AND SUPPORT

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This Delock product is covered by a Manufacturer Guarantee. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Delock website.

For technical support, troubleshooting assistance, or further inquiries, please contact Delock customer service through their official support channels. Contact information can typically be found on the Delock website or in your product packaging.