Raidon UBOX-B4BP M.2 NVMe SSD USB 4.0 Portable Storage Enclosure

Provided with USB C to A cable ensuring backward compatibility with USB 3 for traditional computing devices.

[Raidon Technology Inc.](#) launched the [UBOX-B4BP](#), a portable storage device, for fields such as content creation, IT, and gaming.

This device, featuring the latest USB 4.0 technology with a 40Gb capacity, is built using M.2 NVMe SSD technology, ensuring transfers up to 40Gb/s. It supports multiple interfaces including USB Type-C and Thunderbolt 3/4.

The UBOX-B4BP is provided with 2 types of USB cables – a fast USB 4.0 cable and a Type-C to Type-A USB cable, ensuring backward compatibility with USB 3 for traditional computing devices. Designed with a cooling fin heat sink, it ensures heat management for sustained performance. It is also versatile in power options, offering USB bus power or an optional 5V DC input. Further enhancing its usability are features like hot-swap capability, plug-and-play ease, a secure tray mechanism, and robust aluminum build, making it a high-performance storage tool for both PC and Mac users.

Features:

- **USB 4.0 technology**: The device leverages the latest USB 4.0 standard, providing transfer rates of up to 40Gb/s.
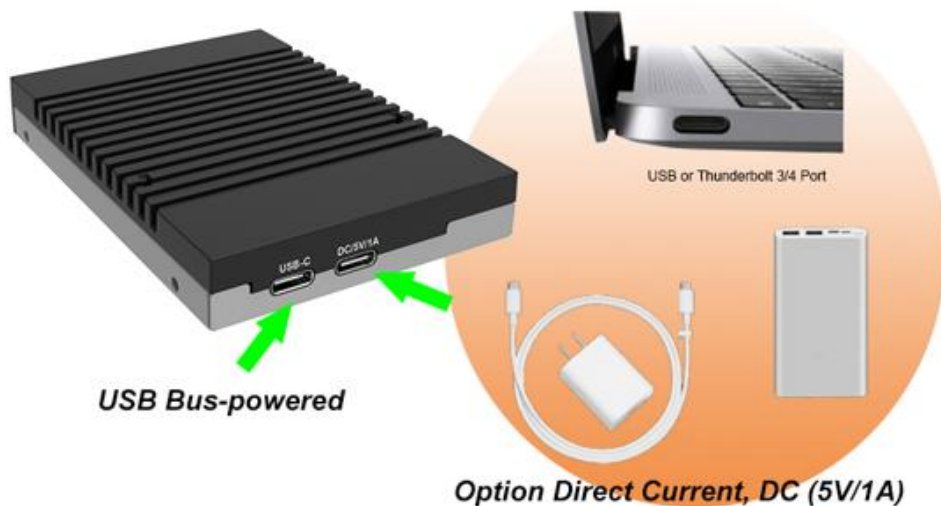
- **M.2 NVMe SSD compatibilit**y: It is engineered to work with M.2 NVMe SSDs, known for their high speed and efficiency, which is crucial for handling large files and intensive applications.
- **Multiple interface support**: It supports a range of interfaces including USB Type-C and Thunderbolt 3/4, ensuring compatibility with a variety of devices and systems.

- **Dual USB cables**: It comes with 2 types of USB cables – a high-speed USB 4.0 cable for maximum performance and a USB C to A cable for backward compatibility with USB 3.0, enhancing its usability with both modern and traditional devices.
- **Cooling fin heat sink**: The device includes a cooling fin heat sink designed to dissipate heat, maintaining

performance and preventing overheating during extended use.

USB Bus-powered

USB or Thunderbolt 3/4 Port

Option Direct Current, DC (5V/1A)

- **Flexible power options**: Users can power the unit either through the USB bus or an optional 5V DC input, providing versatility in different working environments.
- **Hot-swap capability**: This feature allows users to replace or swap SSDs without needing to power down the device, offering convenience and time-saving benefits.
- **Plug-and-play design**: It is easy to set up and use, requiring no complex installation processes, making it user-friendly.
- **Secure tray mechanism**: It features a secure tray mechanism that ensures the SSD is safely housed within the device, providing physical protection and data integrity.
- **Aluminum construction**: The device is built with an aluminum body, offering durability and a sleek design.
- **Cross-platform compatibility**: It is designed to work seamlessly with both PC and Mac systems, making it a versatile choice for a range of users.
- **Portability**: With its compact size and lightweight design, it is easy to transport, making it a solution for professionals and enthusiasts who require mobility.

Making data access and transfer possible anywhere, anytime

Working Area — Portable Design — Data Backup

Applications:

- Content creation
- IT and data management
- Gaming
- ML and AI development
- Video production and broadcasting
- Scientific research and simulation
- Music production
- Graphic design and animation
- Education and training

- Financial data analysis
- Remote work and collaboration
- Healthcare data management

These applications highlight the UBOX-B4BP's versatility and effectiveness in various sectors, making it a valuable tool for professionals seeking a fast, reliable, and portable storage solution.

Model No	UBOX-B4BP
Interfaces	1 x USB4 (up to 40Gbps) USB-C
Compatible Drives	1 x M / B + M key M.2 PCIe NVMe SSD (2260/2280)
Storage Mode	JBOD - Independent Mode
Operating System	Windows 7 or above, macOS 10.x or above, Linux OS
Electrical and Operating Requirements	* Line voltage: 12V + 5V DC * Operating temperature: 32° to 104° F (0° to 40° C) * Storage temperature: -4° to 116° F (-20° to 47° C) * Relative humidity: 5% to 95% non-condensing
Dimension	69.85(W)x 15(H) x 108.08(L) mm
Package Accessories	* UBOX-B4BP x 1 * USB4 (Type-C to Type-C) Cable x 1 * USB3 (Type-C to Type-A) Cable x 1 * Accessory Kit * Quick Installation Guide x1
Note	Dual USB Cables: It comes with two types of USB cables – a high-speed USB 4.0 cable for maximum performance and a USB C to A cable for backward compatibility with USB 3.0, enhancing its usability with both modern and traditional devices.