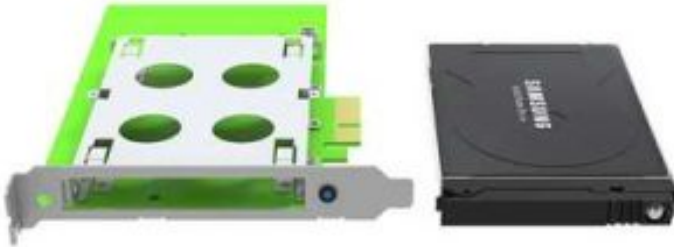# Raidon PC04U2-EZ with U.2 SSD Support Mounted on PCIe 4.0 HBA for Storage Performance

Driver-free installation, and compatible with Windows, macOS and Linux OSs

[Raidon Technology, Inc.](#) introduces the [PC04U2-EZ](#) PCIe 3.0 and 4.0 HBA for 1xU.2 SSD.

This device is packed with features that will enhance user computing experience. With support for HBA and U.2 SSD, PCIe 3.0 and 4.0 interfaces, and compatibility with multiple OSs, the PC04U2-EZ is a must-have for any tech enthusiast. Plus, its driver-free installation makes setup a breeze.

Features:
HBA support high speed U.2 SSD drive.

- HBA support high speed U.2 SSD drive (9.5mm):
  - **PCIe 3.0 and 4.0 interfaces:**
    - Driver-free installation:
    - Multi-OS support: Windows, macOS, Linux
  - **High durability and reliability:**
    - Future-proof: The Raidon UBOX Mini adapter converts M.2 NVMe SSDs to U.2 SSDs and fits in PC04U2-EZ
  - Versatile use: for professional requiring high-performance storage or a casual user looking for a reliable device

The PC04U2-EZ is a device that offers several benefits to improve user computing experience.

Benefits of using product include:

- **High-speed storage**: The PC04U2-EZ supports high-speed U.2 SSD drives, allowing user to access and transfer data.
- **Versatile compatibility**: With PCIe 3.0 and 4.0 interfaces, the PC04U2-EZ is compatible with a range of systems and devices.
- **Easy installation**: The PC04U2-EZ is easy to install and does not require any drivers, making setup quick and hassle-free.
- **Multi-OS support**: The PC04U2-EZ is compatible with Windows, macOS, and Linux OSs, providing flexibility for users with different computing needs.
- **Future-proof**: The firm's UBOX Mini adapter converts M.2 NVMe SSDs to U.2 SSDs and fits into the PC04U2-EZ, allowing user to take advantage of the speed performance and capacity options of M.2 NVMe SSDs while still using the PC04U2-EZ's U.2 interface

Overall, the PC04U2-EZ is a versatile and reliable device that can enhance user computing experience by providing fast storage, versatile compatibility, easy installation, and multi-OS support.

It can be used for a variety of tasks, from data-intensive applications to everyday computing tasks. Whether professional requiring performance storage or a casual user looking for a reliable device, the PC04U2-EZ is a choice.

Possible applications for PC04U2-EZ:

- **Data-intensive computing**: Given the device's support for high-speed data transfers and storage capabilities, it can be effectively used in data-intensive computing applications. These can include large-scale data analysis, simulations, and performance computing tasks.
- **Media production and editing**: It can also be employed in media production and editing environments. The quick data access and storage capabilities of U.2 SSDs drive can significantly reduce the time taken to render video files and process high-resolution images.
- **Gaming**: It can be an addition to a gaming setup. With its fast data access speeds and support for U.2 SSDs drive, it can reduce game load times and provide a smooth, seamless gaming experience.
- **IT infrastructure**: In IT environments, it can be used to upgrade server performance and increase storage capabilities. Its support for hot swapping allows for continuous operation, even when drives need to be replaced or upgraded.
- **Software development**: Developers can benefit from the PC04U2-EZ's fast data access and storage speeds when working on large projects or managing extensive codebases.
- **Scientific Research**: In fields such as genomics, climate modeling, or any other scientific domain that requires handling vast amounts of data, it can provide the necessary storage and quick data retrieval speeds.
- **ML and AI**: In ML and AI applications where access to large datasets is necessary, it can provide the required high-speed data storage and access.
- **Virtual Reality/Augmented Reality (VR/AR) applications**: For developers or users working on VR/AR applications that require quick access to large data files, it can provide the necessary high-speed data transfer.
- **Video surveillance systems**: In high-resolution video surveillance systems, the device can provide fast, reliable storage for large amounts of video data.

Specs:

Model No	PC04U2-EZ

Interfaces	PCIe 3.0/4.0
Compatible drive	1xU.2 NVMe SSD
Certification	CE/FCC
Storage mode	JBOD – Independent Mode
Dimension	98mm (H) x 166mm (D)
OS Supported	Windows 7 or above, macOS 10.10 or above, Linux
Package accessories	* PC04U2-EZ * Quick Installation Guide