

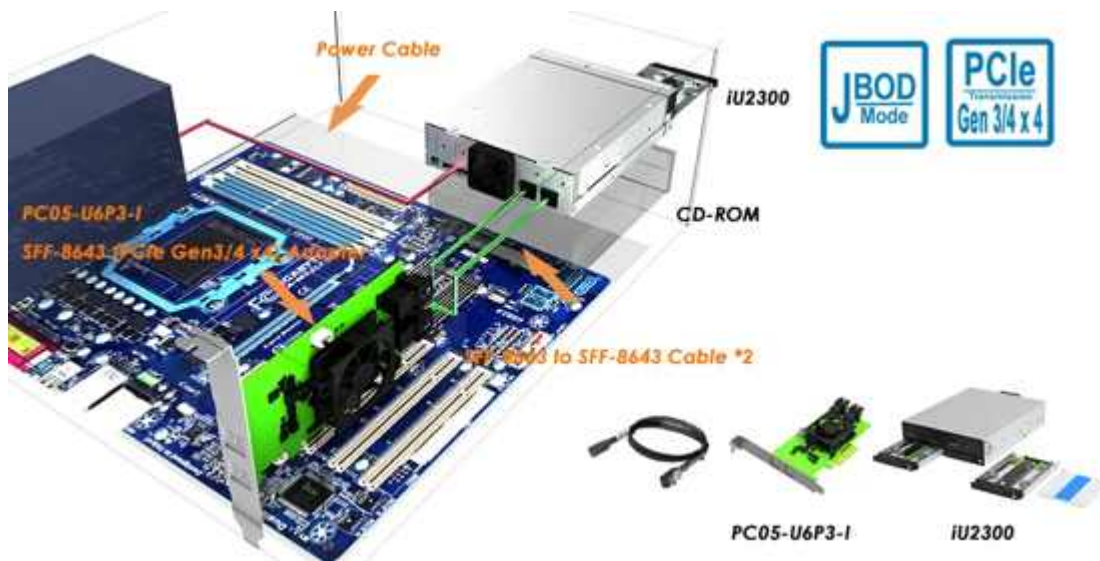
Raidon HiU2300 Upgraded Solution for Dual Hot-swappable M.2 NVMe SSD Storage

Core of innovation is PC05-U6P3-I HBA pivotal element equipped with PCIe Gen 3 (40Gb/s) switch.

[Raidon Technology, Inc.](#) announces [HiU2300](#) upgrade solution for dual hot-swappable M.2 NVMe SSD storage.



The HiU2300 stands out as a storage upgrade solution engineered to integrate seamlessly into a standard CD-ROM bay. At the core of its innovation is the [PC05-U6P3-I](#) HBA, a pivotal element equipped with a PCIe Gen 3 (40Gb/s) switch. This adapter is designed to support M.2 NVMe SSDs, offering hot-swappable functionality within the iU2300-U6P3 NVMe enclosure. The enclosure's design is crafted to fit precisely into a standard CD-ROM bay, ensuring integration into your existing systems.



The iU2300-U6P3 excels in compatibility. It is built to support 2xM.2 NVMe SSDs, accommodating a variety of sizes, including 2280, 2260, and 2242. This flexibility ensures the device can adapt to your individual requirements, providing you with the capacity you need when you need it.



There are various features are as followings:

- Support complete solution that Includes the PC05-U6P3-I HBA adapter
- Support PCIe HBA that included PC05-U6P3-I HBA card features 2 mini SAS (SFF-8643) connectors.
- iU2300-U6P3's design mirrors a standard CD-ROM drive for system integration.
- Accommodates 2xM.2 NVMe SSDs of all standard sizes, including 2280, 2260, and 2242.
- Compatible with both PCIe Gen 3 and Gen 4 interfaces for rapid data transfer.
- Support for JBOD Mode that offers a range of application options to cater to diverse storage needs.
- Includes 2 easy-to-install disk trays with hot-swappable support.
- Simplifies the plug-and-play process, ensuring a sturdy and reliable connection.
- Key lock tray design guarantees the utmost protection, preventing unauthorized access.
- Two silent fans ensure optimal cooling and promoting extended lifespan for M.2 NVMe SSDs.
- Metal shell design offers durability and extending the lifespan of your SSDs.
- Integrate with both 9.5mm U.2 SSDs and the RAIDON UBOX mini disk tray designed for accommodating M.2 NVMe SSDs.
- Mounting screws ensure that your M.2 NVMe SSD or U.2 SSD remains firmly in place.
- UBOX mini comes with an ultra-soft thermal silicone pad, ensuring efficient heat dispersion and maintaining optimal M.2 NVMe SSD performance.

The HiU2300 that is dual M.2 NVMe and U.2 SSD JBOD Storage is a versatile storage solution that can be applied in various sectors and scenarios. Given its features and capabilities, here are some potential applications, including IPC (Industrial PC) and AI:



- **Data centers:** With its high-speed data access and broad compatibility, the HiU2300 can be integrated into data centers to enhance storage capacities and improve data retrieval rates.
- **Workstations:** Professionals working with large datasets, such as video editors, graphic designers, and engineers, can benefit from the rapid data transfer rates and expansive storage options.



- A. HDD/SSD Tray & Tray Handle
- B. Tray Key Lock & Push Open Button
- C. HDD/SSD Access LED
- D. RELEASE Button (HDD hot swappable function)



- E. 15-pin Power Connector
- F. SFF-8643 (PCIe Gen3/4 x4) Port
- G. SFF-8643 (PCIe Gen3/4 x4) Port
- H. PC05-U6P3 Hot Plug Port
- I. Cooling Fan

Specification

| | |
|---------------------------------------|--|
| Model No | HiU2300 |
| Interfaces | 2 x SFF-8643 (PCIe Gen3/4 x4) |
| Compatible Drive | 2 x M.2 NVMe SSD (2242/2260/2280) 2 x U.2 SSD (height 9.5mm) Tray with lock |
| Storage Mode | JBOD |
| System Monitoring | LED hard drive indicators / Fan Failure / Overheat |
| Operating System | Windows , Linux |
| Cooling System | 4 / 6 cm Low noise fan |
| Electrical and Operating Requirements | * Line voltage: 12V + 5V DC, SATA 15pin (12V/5V) * 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% noncondensing |
| Size and Weight | 146(W)x 42(H) x 198(L) mm |
| Carton | 8 pcs per carton |
| Package Accessories | * iU2300-U6P3 x 1 (with removable 2 x M.2 NVMe Converter) * PC05-U6P3-I * SFF-8643 to SFF-8643 Cable x 2 * Accessory kit * Quick Installation Guide |