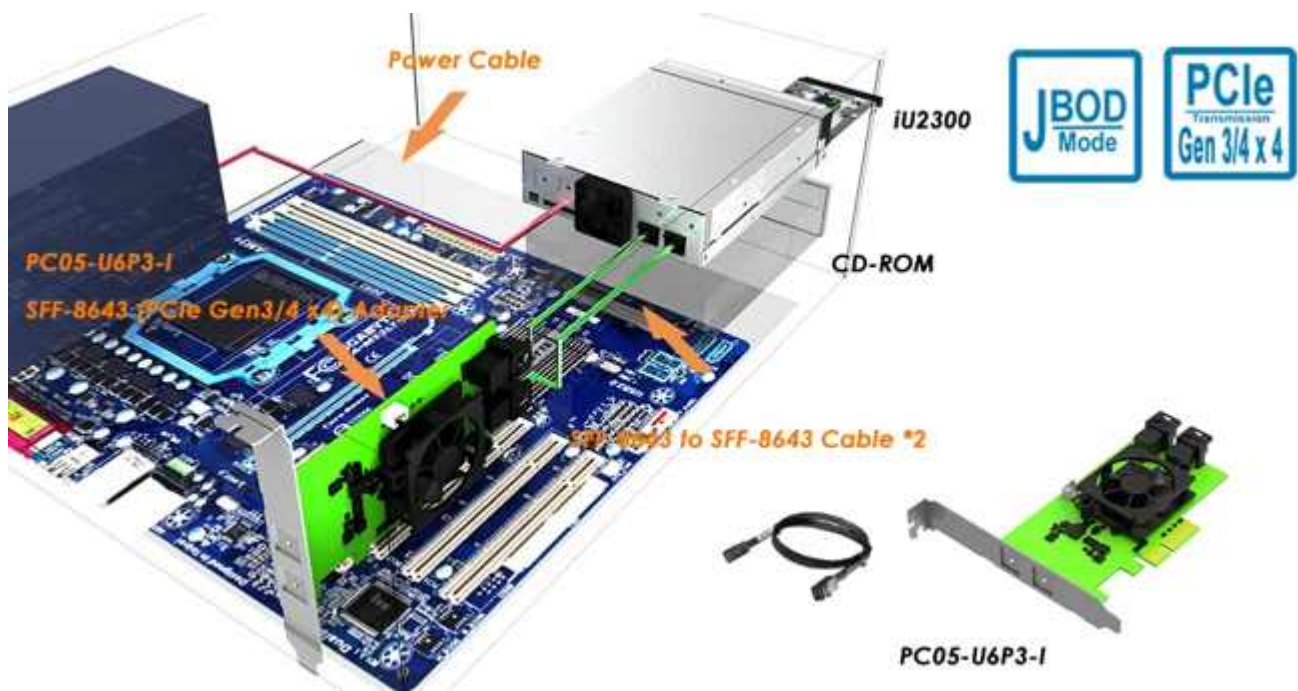Raidon PC05-U6P3-I Dual Channel PCIe Gen-3 and Gen-4 Interface HBA

Reliable Mini SAS (SFF-8643) connectors, supporting driver-free installation to set up adapter quickly and without any hassle, and compatible with range of OSs
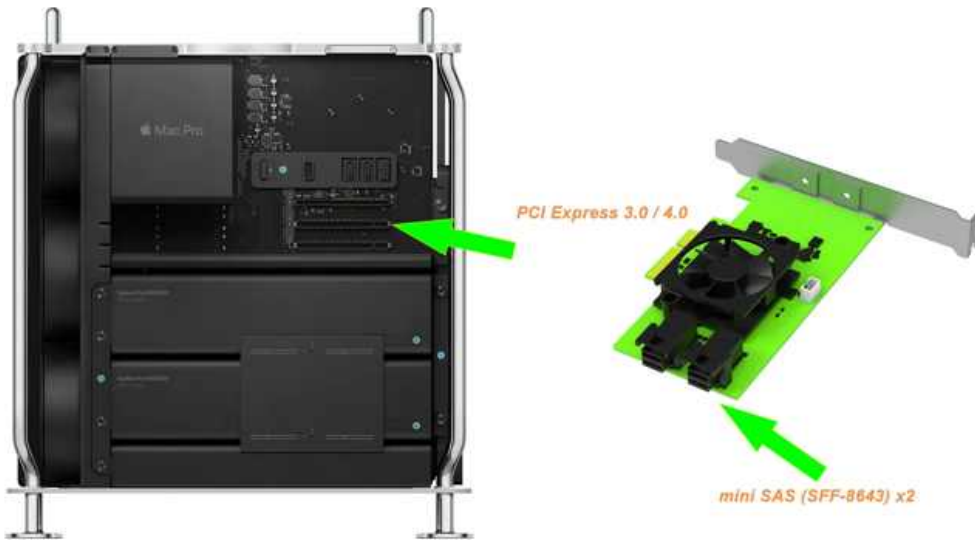
[Raidon Technology, Inc](). launches the [PC05-U6P3-I]() dual channel PCIe Gen-3 and Gen-4 interface HBA.

The PC05-U6P3-I HBA delivers data transfer speeds up to 40Gb/s with its PCIe Gen-3 switch. It is crafted to enhance user systems with dual-channel functionality through its high-density mini SAS (SFF-8643) connectors, ensuring a secure connection for enterprise storage needs.

The PC05-U6P3-I can be used for a variety of tasks, from data-intensive applications to everyday computing tasks. Whether you're professional requiring high-performance storage or a casual user looking for a reliable device, the PC05-U6P3-I is a choice.

Key features:

- Equipped with a PCIe Gen-3 switch, providing a total of 40Gb/s bandwidth
- Redefines PCIe bus performance with its dual-channel feature
- Reliable Mini SAS (SFF-8643) connectors: Stability meets speed with high-density mini SAS connectors
- Compatible with a range of OSs
- Equipped with dual mini SAS (SFF-8643) connection interface
- Support dual interfaces ensures that user system can handle 2 large volumes of data with ease
- Support driver-free installation to set up adapter quickly and without any hassle
- Support the combination of high-speed data transfer, broad compatibility, and ease of installation for anyone passionate about technology

The PC05-U6P3 HBA is versatile and can be used across various applications, including those in the realm of AI.

Here are possible AI-related applications for PC05-U6P3-I:

- ML workstations
- AI data centers
- Autonomous Vehicle Development

- Medical imaging analysis
- Natural Language Processing (NLP)
- Video surveillance analysis
- AI-enhanced content creation
- Financial modeling and analysis:
- Edge computing

The high bandwidth and efficient data transfer capabilities of the PC05-U6P3-I make it a strong candidate for supporting the intensive workloads associated with AI applications.

Specification

Model No	PC05-U6P3-I
Interfaces	PCIe 3.0/4.0 x 1 mini SAS (SFF-8643) x2
Certification	CE/FCC
Storage Mode	JBOD - Independent Mode
Dimension	68.1 mm (H) x 119 mm (L)
Operating System Support	Windows 7 or above, macOS 10.10 or above, Linux Driver-Free Installation
Package Accessories	PC05-U6P3-I * Quick Installation Guide