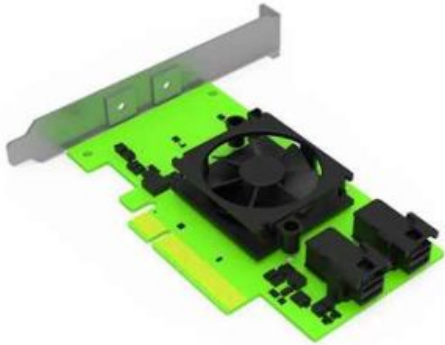


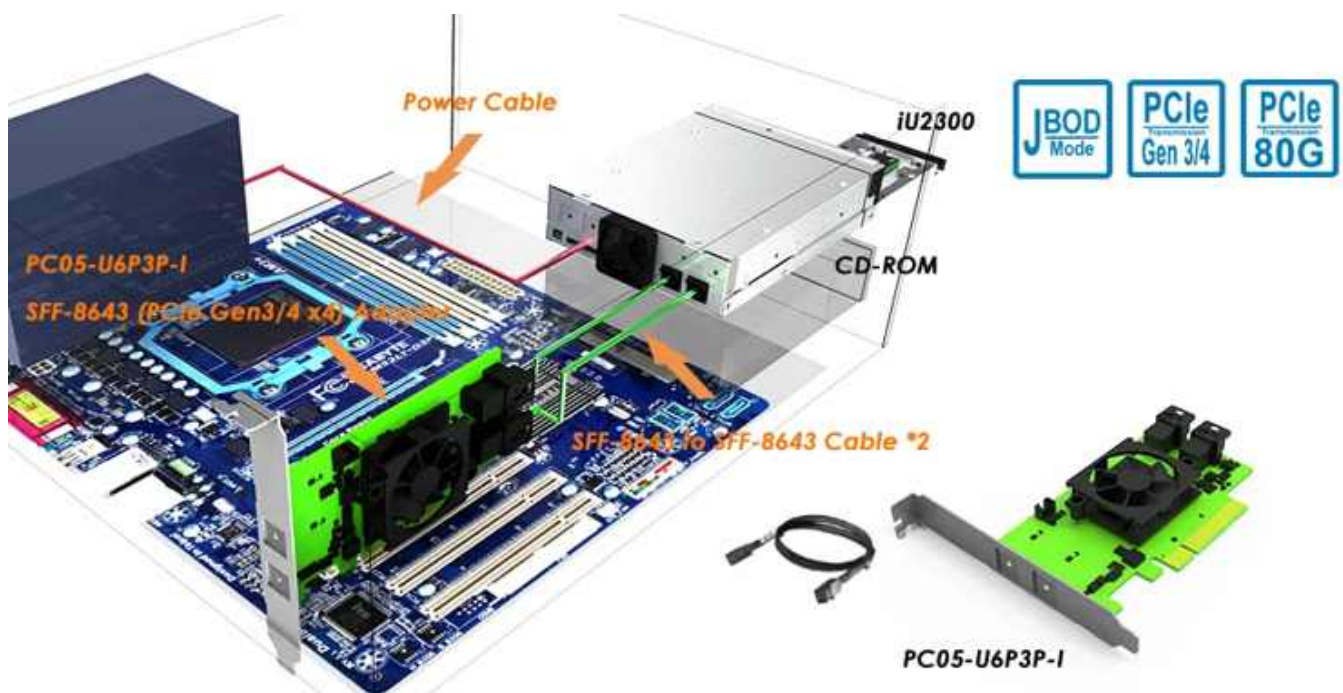
Raidon PC05-U6P3P-I 80Gb/s Dual Channel PCIe Gen-3 HBA

With Mini SAS (SFF-8643) connectors, compatible with range of OSs

[Raidon Technology, Inc.](#) announced the [PC05-U6P3P-I HBA](#) delivering data transfer speeds up to 80Gb/s with its PCIe Gen-3 switch via its PCIe Gen-3 switch.



Designed with precision, this HBA boosts your system with dual-channel capabilities, featuring high-density mini SAS (SFF-8643) connectors for M.2 NVMe SSD, catering to enterprise storage requirements.



Key features:

- Equipped with a PCIe Gen-3 switch, providing a total of 80Gb/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 fast data transfer, broad compatibility, and ease of installation

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

Here are possible AI-related applications for the PC05-U6P3P-I:

- **ML workstations:** For data scientists and AI researchers, the fast data transfer capabilities can reduce the time required for data preprocessing and model training.
- **AI data centers:** In data centers focused on AI workloads, the HBA can facilitate faster data access and improve the efficiency of neural network training and inference tasks.
- **Autonomous vehicle development:** The adapter can be used to quickly process and transfer the vast amounts of data collected by autonomous vehicle sensors, essential for real-time decision-making and ML.

The bandwidth and data transfer features of the device position it as a choice for handling the demanding workloads typical of AI applications.

