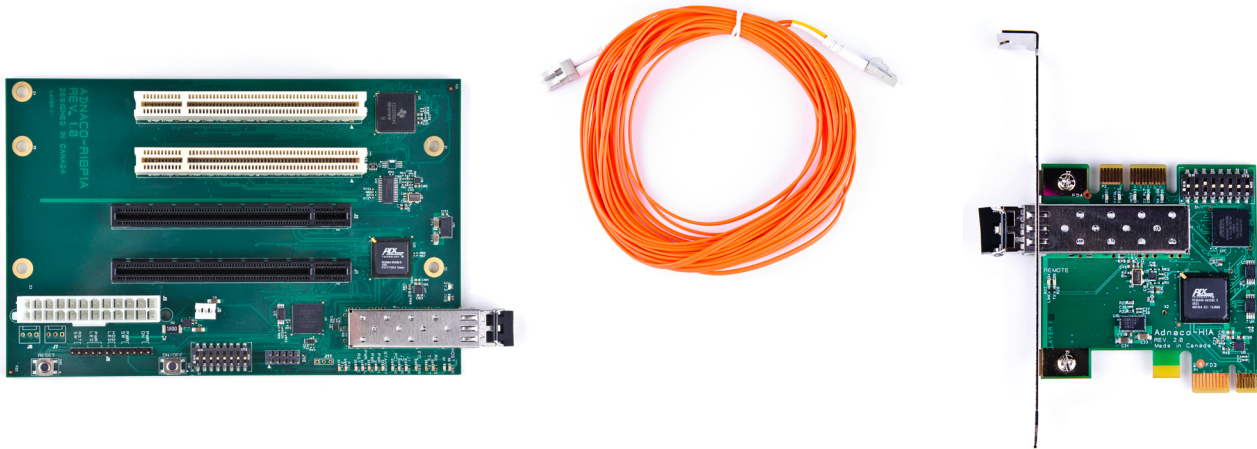## PCI/PCIe Gen2 Expansion System

The Adnaco-S1A PCI/PCIe Gen 2 Expansion System allows system integrators to operate 2 PCI and 2 PCIe add-in cards over fiber optic cable at distances up to 250 meters from the location of the computer system. No additional host software drivers are required during installation or operation. Any type of PCI and PCI Express cards can be used including audio, video, graphics, USB, FireWire, SATA, data-acquisition, network and others. The system consists of a PCIe host adapter, a fiber optic cable, an I/O shield for ATX case and a PCI/PCI backplane.

Product Features:

- Host adapter can be installed into any PCIe slot
- 2.5 Gb/s or 5 Gb/s PCIe communucation
- 2 PCI and 2 PCIe add-in cards can operate simultaneously in remote backplane
- Auto power on/off
- Backplane can be mounted in any standard ATX or MicroATX case
- Host processor and OS independent
- Optical isolation
- Cable length depends on transceivers and cable type (single or multi mode) and can be up to 250 m
- SFP transceivers with LC connectors

Related Documents and Products:

Adnaco-H1A-DS	Adnaco-H1A PCI Express Gen2 Host Adapter Data Sheet
Adnaco-R1BP1A-DS	Adnaco-R1BP1A PCI/PCIe Gen2 Backplane Data Sheet
Adnaco-FC1-DS	Adnaco-FC1 Fiber Patch Cable, LC-LC, MM 50/125 μm, Duplex
Adnaco-Gen2-UG	Adnaco Gen 2 Systems User's Guide

Ordering Information

Part Number	Contents
Adnaco-S1A-01-000-S	System with multi-mode transceivers and without fiber optic cable Included parts:Adnaco-H1A-01 with standard height bracket, Adnaco-R1BP1A-01, I/O shield for ATX case, Low profile bracket for Adnaco-H1A
Adnaco-S1A-01-010-S	System with multi-mode transceivers and 10 m fiber optic cable Included parts: Adnaco-H1A-01 with standard height bracket , Adnaco-R1BP1A-01, Adnaco-FC1-01-10, I/O shield for ATX case, Low profile bracket for Adnaco-H1A
Adnaco-S1A-01-050-S	System with multi-mode transceivers and 50 m fiber optic cable Included parts: Adnaco-H1A-01 with standard height bracket, Adnaco-R1BP1A-01, Adnaco-FC1-01-50, I/O shield for ATX case, Low profile bracket for Adnaco-H1A
Adnaco-S1A-01-100-S	System with multi-mode transceivers and 100 m fiber optic cable Included parts: Adnaco-H1A-01 with standard height bracket, Adnaco-R1BP1A-01, Adnaco-FC1-01-100, I/O shield for ATX case, Low profile bracket for Adnaco-H1A