



Adnaco Products Ordering Information

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1 Used Acronyms

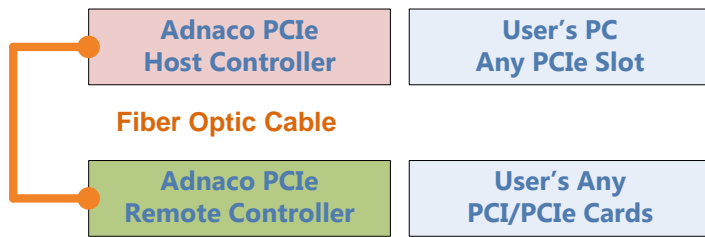
| Acronym | Description |
|-----------------------------|--|
| Gen1 | PCIe 2.5 GT/s |
| Gen2 | PCIe 5 GT/s, backward compatible with Gen1 |
| xN | Port connection, number of lanes: how many transmit/receive pair used: x1 – 1 lane, x2 – 2 lanes, x4 – 4 lanes, x8 – 8 lanes, x16 – 16 lanes |
| Wired x1 Or Connected x1 | Any PCIe card supports physical connection x1. In Adnaco -S1A, -S1B PCIe slots have physical PCIe-x16 connectors. It is allows for customers insert any PCIe card into PCIe-x16 slot |
| CONN xN | PCIe connector support xN lanes computer's cards |
| PCI | Interconnect standard for PCI cards |
| PCIe | Interconnect standard for PCIe cards |
| Host Controller | Adnaco product which is responsible for conversion standard PCI-SIG PCIe to Adnaco PCIe over fiber optic physical protocol. |
| Remote Controller | Adnaco product which is responsible for conversion Adnaco PCIe over fiber optic physical protocol to standard PCI-SIG PCIe physical protocol |
| SFP Transceiver | Small Form-factor Pluggable Transceiver |

2 Adnaco Systems Overview

The typical Adnaco PCIe over fiber optic expansion system consists of two main parts:

- Host Controller
- Remote Controller or Expansion subsystem

Figure 1 Adnaco Systems Generic Diagram



3 Adnaco Products Overview

3.1 Host Controllers

Table 3-1 Host Controllers

| Product | Description |
|------------|---|
| Adnaco-H1A | PCIe Gen2 x1 over fiber optic Host controller. H1A-00 – Without Transceiver H1A-01 – With Multi-Mode Transceiver H1A-02 – With Single-Mode Transceiver H1A-TT-LP – H1A in low profile bracketBR2 (ask for volume) |
| Adnaco-HC1 | ExpressCardPCIe Gen2 x1 over fiber optic Host controller. |

3.2 Remote Expansions/Controllers

Table 3-2 Remote Expansions/Controllers

| Product | Short Description |
|----------------|--|
| Adnaco-R1BP1A | PCIe Gen2 over fiber optic expansion chassis with 2 PCI and 2 PCIe slots R1BP1A-00 – Without Transceiver R1BP1A-01 – With Multi-Mode Transceiver R1BP1A-02 – With Single-Mode Transceiver |
| Adnaco-R1BP1B | PCIe Gen2 over fiber optic expansion chassis with 4 PCIe slots R1BP1B-00 – Without Transceiver R1BP1B-01 – With Multi-Mode Transceiver R1BP1B-02 – With Single-Mode Transceiver |
| Adnaco-RA3 | PCIe Gen2 over fiber optic small form factor expansion chassis with 2 PCIe x1 downstream ports RA3-00 – Without Transceiver RA3-01 – With Multi-Mode Transceiver RA3-02 – With Single-Mode Transceiver |
| Adnaco-R1USB30 | USB 3.0 Host Controller with 2 USB 3.0 Ports R1USB30-00 - Without Transceiver R1USB30-01 – With Multi-Mode Transceiver R1USB30-02 – With Single-Mode Transceiver |

3.3 Fiber Optic Transceivers

Table 3-3 Fiber Optic Transceivers

| Product | Description |
|--------------|---|
| Adnaco-TR-01 | Multi-Mode Full Duplex SFP Transceiver. -20°C+85°C |
| Adnaco-TR-02 | Single-Mode Full Duplex SFP Transceiver. TBD |
| TR1 | Just another name, see Adnaco-TR-01 |
| TR2 | Just another name, see Adnaco-TR-02 |

3.4 Fiber Optic Cables

Table 3-4 Fiber Optic Cables

| Product | Description |
|------------------|--|
| Adnaco-FC-01-MMM | Multi-Mode Full Duplex LC-LC Cable 50/125 µm |
| Adnaco-FC-02-MMM | Single-Mode Full Duplex LC-LC Cable 9/125 µm |
| MMM | Length in meters: 10, 50, 100 |
| FC1 | Just another name, see Adnaco-FC-01-MMM |
| FC2 | Just another name, see Adnaco-FC-02-MMM |

3.5 Accessories

Table 3-5 H1 Brackets and ATXIO Shields

| Product | Description |
|------------------|--|
| Adnaco-BR1 | Standard Height Bracket for H1, H1A, H1B Host Controllers |
| Adnaco-BR2 | Low Profile Bracket for H1, H1A, H1B Host Controllers |
| BR1 | Just another name, see Adnaco-BR1 |
| BR2 | Just another name, see Adnaco-BR2 |
| Adnaco-ATXIO1-01 | I/O shield for PC style ATX, micro-ITX case. Ordinary comes with S1, S1A, S1B, S2A, S2B |
| ATXIO1 | Just another name, see Adnaco- Adnaco-ATXIO1-01 |

Table 3-6 PC Case for S2 Systems

| Product | Description |
|------------|---|
| Adnaco-C2A | Micro-ATX case for S2A, S2B systems, including power supply, ATXIO1 shield. |
| S2CASE2 | Just another name, see for Adnaco-C2A |

4 Adnaco Systems

4.1 Part Numbers Guide for Systems

Table 4-1 Part Number Decoder for Systems

| Adnaco-Sxx-TT-MMM | Description |
|-------------------|--|
| TT | Type of fiber optic media and transceivers: 00 – No Transceivers Included 01 – MM Type Of transceivers and Cable 02 – SM Type of Transceivers and Cable |
| MMM | Full Duplex LC-LC Cable Length. 00 – No Cable Included 10 – 10 m Fiber Optic Cable Included 50 – 50 m Fiber Optic Cable Included 100 – 100 m Fiber Optic Cable Included |

Table 4-2 Adnaco-S1A Part Number Guide

| Product | Description |
|--------------------------------------|---|
| Adnaco-S1A-00-000 | Included: H1A-00, R1BP1A-00, ATXIO1 No Transceivers and Fiber Optic Cable Included |
| Adnaco-S1A-TT-MMM | Included: H1A-TT, R1BP1A-TT, TR-TT, FC-TT, ATXIO1 |
| Adnaco-S1A-TT-MMM -BR2 (optional) | Included: H1A-TT, R1BP1A-TT, TR-TT, FC-TT, ATXIO1 Additional BR2 Included |

Table 4-3 Adnaco-S1B Part Number Guide

| Product | Description |
|--------------------------------------|---|
| Adnaco-S1B-00-000 | Included: H1A-00, R1BP1A-00, ATXIO1 No Transceivers and Fiber Optic Cable Included |
| Adnaco-S1B-TT-MMM | Included: H1A-TT, R1BP1B-TT, TR-TT, FC-TT, ATXIO1 |
| Adnaco-S1B-TT-MMM -BR2 (optional) | Included: H1A-TT, R1BP1B-TT, TR-TT, FC-TT, ATXIO1 Additional BR2 Included |

Table 4-4 Adnaco-S2A/B Part Number Guide

| Product | Description |
|-------------------|----------------------------------|
| Adnaco-S2A-TT-MMM | Included: S2CASE2 + S1A-TT-MMM |
| Adnaco-S2B-TT-MMM | Included: S2CASE2 + S1B-TT-MMM |
| S2CASE2 | Micro-ITX case with power supply |

Table 4-5 Adnaco-S3Part Number Guide

| Product | Description |
|-------------------------------------|--|
| Adnaco-S3-TT-MMM | Included: H1A-TT, R1USB30-TT, FC-TT-MMM |
| Adnaco-S3-TT-MMM -BR2 (optional) | Included: H1A-TT, R1USB30-TT, FC-TT-MMM Additional BR2 Included |

5 Available for orders

Table 5-1 Adnaco-S1A Order

| Product | Comments |
|-------------------------|---|
| Adnaco-S1A-TT-MMM-(BR2) | Included: H1A with BR1, R1BP1A, TR1 or TR2, FC1 or FC2, BR2 – optional add on |
| Adnaco-S1A-00-00 | Stock |
| Adnaco-S1A-01-10 | Stock |
| Adnaco-S1A-01-50 | Stock |
| Adnaco-S1A-01-100 | Ask for price and delivery time |
| Adnaco-S1A-02-MMM | Ask for price and delivery time |

Table 5-2 Adnaco-S1B Order

| Product | Comments |
|-------------------------|---|
| Adnaco-S1B-TT-MMM-(BR2) | Included: H1A with BR1, R1BP1A, TR1 or TR2, FC1 or FC2, BR2 – optional add on |
| Adnaco-S1B-00-00 | Stock |
| Adnaco-S1B-01-10 | Stock |
| Adnaco-S1B-01-50 | Stock |
| Adnaco-S1B-01-100 | Ask for price and delivery time |
| Adnaco-S1B-02-MMM | Ask for price and delivery time |

Table 5-3 Adnaco-S2A/B Order

| Product | Comments |
|-------------------|---|
| Adnaco-S2A-TT-MMM | S2CAS2 + S1A Stock in small quantity, see Adnaco-S1A options |
| Adnaco-S2B-TT-MMM | S2CAS2 + S1A Stock in small quantity, see Adnaco-S1B options |

Table 5-4 Adnaco-S3A Order

| Product | Comments |
|-----------------------|---------------------------------|
| Adnaco-S3A-00-00 | Stock |
| Adnaco-S3A-01-10 | Stock |
| Adnaco-S3A-01-50 | Stock |
| Adnaco-S3A-01-100 | Ask for price and delivery time |
| Adnaco-S3A-TT-MMM-BR2 | Additional BR2 included |

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