

RapidExpress

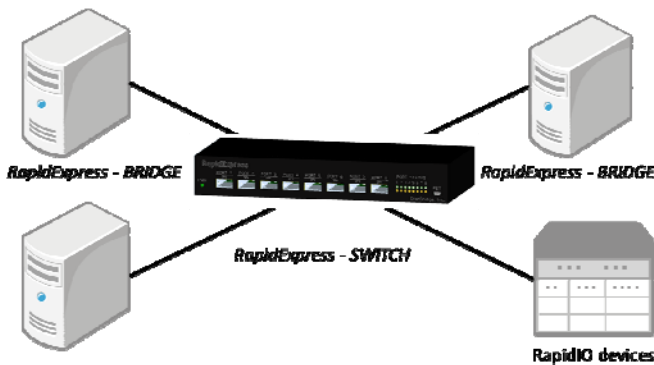
Serial RapidIO Gen 2 - Bridge and Switch

FEATURES

RapidExpress products enables high-speed communication between computing nodes and I/O nodes.

RapidExpress products fits wide range of high-performance systems such as Medical/Video Imaging, Industrial multiple processor systems.

Serial RapidIO supports robust, true peer-to-peer high-speed connection up to 6.25Gbaud.



ORDERING INFORMATION

SREB01 : PCIe-to-SRIO Bridge card

SRES01 : 8-Port SRIO Switch box

Please ask for copper and fiber cables

COMMON SPECIFICATION

LINK PROTOCOL

- Serial RapidIO Gen 2

LINK INTERFACE

- 4-lane ports
- QSFP connector
- Support low power mode QSFP transceiver

ENVIRONMENTAL

- +5°C to +45°C
- RoHS compliant

PCIe-TO-SRIO BRIDGE CARD

SRIO DEVICE

- IDT Tsi721 PCIe2-to-SRIO2 protocol conversion bridge

LINK INTERFACE

- One 4-lane Serial RapidIO Gen 2 port
- QSFP connector, copper or optical transceiver supported

STATUS INDICATOR

- SRIO port status
- IDT Tsi721 device status; PCIe link, Interrupt pending, ECC error
- QSFP module status

OTHER FUNCTION

- JTAG interface



SRIO 8-PORT SWITCH BOX

SRIO DEVICE

- IDT CPS-1432 SRIO2 central packet switch

LINK INTERFACE

- Eight 4-lane Serial RapidIO Gen 2 port
- QSFP connector, copper or optical transceiver supported

STATUS INDICATOR

- SRIO port status
- QSFP module status

OTHER FUNCTION

- RapidFET USB interface
- Hardware reset switch

