FireWire · Mac · Windows

FireWire to Ultra SCSI Converter
FR1SX

MacOS X Now!

FireWire Plug & Play connectivity for Ultra-SCSI devices!
Connect existing SCSI devices to FireWire port !

Features

• **Quickly change an Ultra SCSI device to FireWire device.**
    - **Just Plug & Play, Quick and Easy installation.**
        - **Install FR1SX drivers.**
        - **Attach FR1SX to SCSI device directly(HD50P female required).**
        - **Connect the FireWire cable to FireWire port.**
        - **The OS will detect and mount your SCSI device automatically.**
• **Enables to handle as quite a FireWire device.**
    - **Two FireWire 400Mbps ports (6-pin) available.**
    - **Supports FireWire Daisy chain.**
    - **IEEE1394.a compliant PHY-Link included.**
    - **Works as a repeater when SCSI device turns off(Requires AC Power Adapter).**
• **Supports high-speed, high-performance Ultra SCSI.**
    - **Supports up to 20MB/sec data transfer.**
    - **Supports SBP2 ORB/CDB command set.**
    - **Includes active Ultra SCSI terminator.**
    - **Fits various SCSI devices.**
      Hard Drive, CD-R/RW, DVD-RAM, MO, Removable HD.
• **Support Synchronous transfer, Disconnection/Reconnection.**
• **Current FR1SX Firmware does not support following functions.**
    - **SCSI Daisy Chain.**
    - **Multiple LUN.(Does not support PD Drive,CD-ROM Changer Drive)**
• **5 year warranty**

Example
Connection with FR1SX

Cable connect with FireWire port

SCSI devices connect with High-Density 50P port

***AC Adapter:RSO-AC05 (Option)**

FireWire Cable (include Package)

6pin

6pin

FR1SX

SCSI devices

6pin or 4pin

6pin

Machine(PC/Mac) with FireWire Port

FireWire Cable (Option)

6pin or 4pin

HardDisk Drive   **CD-R/RW**   **DV-Cam**

FireWire (IEEE1394) devices

Bench Mark Testing Report

Machine : PowerBook2000
HDD : Seagate ST39103LW

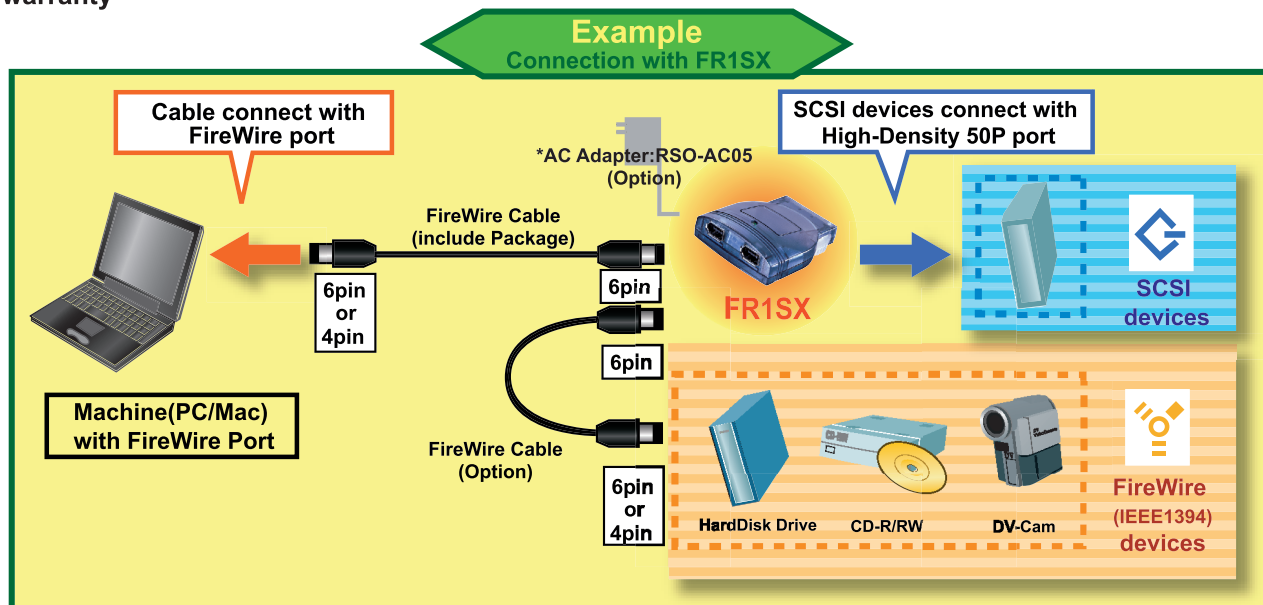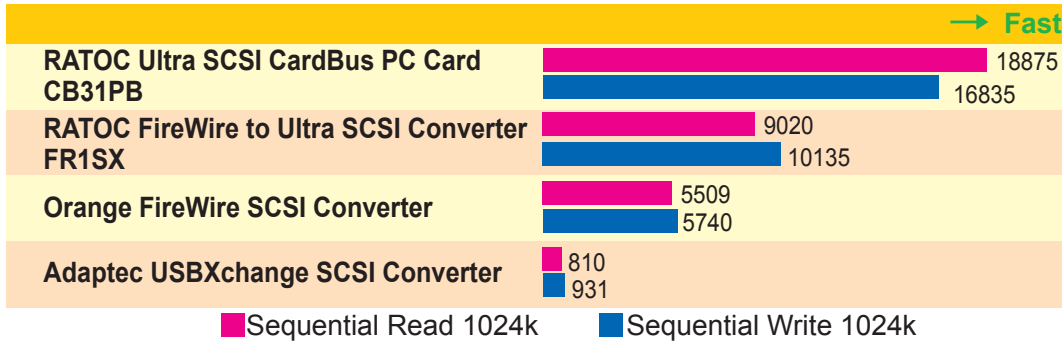|	→ Fast
RATOC Ultra SCSI CardBus PC Card CB31PB	18875 / 16835
RATOC FireWire to Ultra SCSI Converter FR1SX	9020 / 10135
Orange FireWire SCSI Converter	5509 / 5740
Adaptec USBXchange SCSI Converter	810 / 931

■ Sequential Read 1024k   ■ Sequential Write 1024k

System Requirements

OS

    [PC] Windows XP / Me / 2000 / 98SE
    [Mac] Mac OS X 10.1.x / 9.2.x / 9.1

SCSI device

    - Hi-Density 50 pin female SCSI-2 connector on a SCSI device (*1)
    - Term-Power output capability
    - Single-End interface
    - Terminator

Mac/PC

    - FireWire (IEEE1394) port

(*1) As FR1SX gets electric power from Term-Power on SCSI bus, SCSI device must have Term-Power capability .If your SCSI device does not have this Term-Power output such as a zip drive, you have to use an OPTIONAL AC Adapter (AC05, sold separately). You can buy at RATOC Web site(http://www.ratocsystems.com/).

Learn more at Ceritified Device list on www.ratocsystems.com/english/

Specifications

Bus interface	UltraSCSI / FireWire (IEEE1394)

Data transfer rate	[SCSI] 20MB/sec with Ultra SCSI devices (synchronous)
	            10MB/sec with FAST SCSI devices (synchronous)
	            6MB/sec (asynchronous)
	[FireWire] 100, 200 and 400 Mbps (IEEE1394)

Connector Type	[SCSI] Hi-Density 50 pin Male connector x 1 [FireWire] FireWire (IEEE1394) 6p port x 2

Package includes	FR1SX FireWire(IEEE1394) to UltraSCSI converter
	FR1SX software CD-ROM
	    [Macintosh Driver software]
	      - SIM(SCSI Emulation) driver for MacOS9.1 or later
	    [Windows software]
	      - Format Utility
	      - Configuration Utility
	One IEEE1394 Cable 6p-6p 6feet, User's manual, Radialogic serial number card , Software License Agreement

Physical Dimensions	55mm(W) x 65mm(D) x 15mm(H) 48g (only main body)
Operating requirements	DC +4.25V to 5.25V(SCSI Termination Power Voltage requirement) 300mA typical Temperature from 0˚C to 55˚C Relative humidity 20-80% (Non-condensing)

Visit our web site to learn more!
<www.ratocsystems.com>