

OrangeLink[®]

FireWire[®] 800 for Notebooks

Don't miss out on the newest FireWire technology that lets you transfer data up to twice as fast as previously possible. Add FireWire 800/1394b to your PC or Mac laptop with the OrangeLink FireWire 800 for Notebooks.

With Orange Micro's latest innovation for notebooks, you will be able to upgrade your Mac or PC laptop to FireWire 800. Take advantage of the latest high performance FireWire 800 peripherals, and transfer data at speeds of up to 800 Mb/sec.

FireWire 800 is backward compatible so you will still be able to use all of your existing FireWire 400 peripherals to their maximum potential! Visit Orange Micro's website (www.orangemicro.com) to see our FireWire 800/USB 2.0 Hard Drive Enclosure, FireWire 800/1394b PCI Card, 9-pin to 6-pin FireWire 800 Adapter and our full line of FireWire 800 cables.

Optional accessory:

OrangeLink FireWire for Notebooks can provide full FireWire Bus power with an optional external AC power supply (Part # O1401295) also available from www.shipitforyou.com/orangemicro



70HTL00050

Interface	Speed
FireWire 800	800 Mps
USB 2.0	480 Mps
FireWire 400	400 Mps
USB 1.1	12 Mps

The Benefits of FireWire[®] 800

Due to the speed and efficiencies of FireWire 800, in many cases the effective bandwidth is more than twice that of USB 2.0



"23 Years of Innovation and Excellence"
(714)779-2772 • www.orangemicro.com

Package Contents

- A single Type II FireWire 800 CardBus card
- CD-ROM with manual and software

General Features:

- FireWire 800 allows data transfer rates of up to 800 Mb/sec
- Two 9-pin external FireWire 800 ports
- Data transfer rates up to 800 Mbit/s
- Hot plug capability
- Backward compatible with FireWire 400 devices
- Includes video editing software for Mac or PC

Operating System Compatibility

- Windows 98 SE, Me, 2000, XP with included Orange Micro driver
- Mac OS 8.6 or newer
(full 800 Mb/sec support in OS X 10.2.4 or newer)

Connectors

- Two external 9-pin Bilingual 1394b connectors

Warranty

- Limited two year, parts and labor

Hardware Specifications

- Type II CardBus compatible
- 32-bit Data Bus and 33 MHz operation
- Isochronous receive dual-buffer mode
- Programmable asynchronous transmit threshold
- PCI burst transfers and deep FIFOs to tolerate large host latency
- OHCI Compliant IEEE 1394b Host Controller; 100 Mbit/s (12.5 MB/sec); 200 Mbit/s (25 MB/sec); 400 Mbit/s (50 MB/sec); 800 Mbit/s (100 MB/sec)
- Connect up to 63 devices
- All 1394b ports provide no power to the devices unless optional power adapter is used.
- Supports Plug-and-Play Specification
- Hot Plug
- Complies with Standard for a IEEE-1394b High Performance Serial Bus/ i.LINK
- Up to 16 consecutive cable hops of 4.5 meters
- Support for digital video in full size, full motion video of 720 by 480 pixels at 30 frames per second
- Isochronous and Asynchronous data transfer
- Function Control Protocol (FCP)
- Connection Management Protocol (CMP)

Optional Power Supply Specifications

- Output 12 VDC, 1A, positive tip.



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This product meets all FCC and CE requirements