USB 2.0 Hi Speed
FireWire
SCSI

Orange Micro inc.

"21 Years of Innovation and Excellence"

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Orange Micro inc.

Computer Enhancements for PC and Macintosh

OrangeUSB
2.0 Hi-Speed Products

4000% Faster Than USB 1.1

OrangeUSB
2.0 Hi-Speed PCI

USB 2.0 Hi-Speed will extend the speed of the peripheral-to-PC connection from 12 Mbits/s on USB 1.1 to up to 480 Mbits/s, which is 40 times more than current capabilities. This higher bandwidth opens the door for PC peripherals with more functionality, including faster broadband internet connections, higher resolution video conferencing cameras, next generation printers, scanners, and fast external storage units. It will also support such applications as digital image creation and web publishing, where multiple high-speed peripherals run simultaneously.

Since USB 2.0 Hi-Speed is an evolution of the existing USB 1.1 specification, it is fully forward and backward compatible with current USB systems and peripherals. Even with the dramatically increased speeds, it works with existing cables and connectors. In other words, consumers will have the benefit of using devices they already have, so their investments are protected. The high-bandwidth Universal Serial Bus Hi-Speed is also expected to lead to the development of higher-performance peripherals that will bring new applications to the PC.

The OrangeUSB PCI Board is a dramatic performance increase over the standard USB. Whereas the USB 1.1 was only 12Mbits/s, the new USB 2.0 specification used by the OrangeUSB runs at up to 480Mbits/s. USB, standing for "Universal Serial Bus," allows you to attach multiple peripheral devices simultaneously with automatic device detection and installation. The OrangeUSB PCI Board with its higher bandwidth will be ideal for high speed devices such as higher resolution video conferencing cameras, and the next generation scanners, printers, and fast storage devices. The OrangeUSB PCI Board is "backwards compatible" which means it will work with all the older legacy USB 1.1 peripherals.

Operating System	USB Support
Mac OS 8.6 - 9.x	USB 1.x
Mac OS X or greater	USB 1.x & 2.0
Windows 98SE, ME, 2000	USB 1.x
Windows 98SE, ME, 2000	USB 2.0 pending driver release

OrangeUSB 2.0 - PCI Board
Part #: 70USB90010

OrangeUSB
2.0 Hi-Speed CardBus PC Card

OrangeUSB
2.0 Hi-Speed Hub

The OrangeUSB 2.0 Hi-Speed CardBus PC Card allows you the freedom of mobility with your portable computer. Now you can plug in your legacy USB and new USB 2.0 Hi-Speed peripherals while on the road, in the plane, in your hotel room or anywhere else. The USB 2.0 CardBus is a dramatic performance increase over the standard USB 1.1. Whereas USB 1.1 is only 12Mbits/s, the new USB 2.0 Hi-Speed specification used by the OrangeUSB 2.0CardBus runs at up to 480Mbits/s. USB, standing for "Universal Serial Bus", allows you to attach multiple peripheral devices simultaneously with automatic device detection and installation. The OrangeUSB 2.0 Hi-Speed CardBus Card is "backwards-compatible" which means you can plug in your older USB peripherals along with your new USB 2.0 Hi-Speed peripherals.

The OrangeUSB Hub is 100% compliant with the USB 2.0 specification. It has 5 ports which will connect either the new USB 2.0 high performance peripherals or the legacy USB 1.1 devices. This means it is fully backwards-compatible with all USB products. The OrangeUSB Hub will allow users to add multiple higher performance peripherals such as high resolution video conferencing cameras, and the next generation of USB 2.0 scanners, printers, and fast storage devices. The Hub comes with a single USB 2.0 certified 6ft. cable.

OrangeUSB 2.0 - CardBus PC Card
Part #: 70USB90020

Operating System	USB Support
Mac OS 8.6 - 9.x	USB 1.x
Mac OS X or greater	USB 1.x & 2.0
Windows 98SE, ME, 2000	USB 1.x
Windows 98SE, ME, 2000	USB 2.0 pending driver release

OrangeUSB 2.0 - Hub
Part #: 70USB90030

Operating System	USB Support
Mac OS 8.6 - 9.x	USB 1.x
Mac OS X or greater	USB 1.x & 2.0
Windows 98SE, ME, 2000	USB 1.x
Windows 98SE, ME, 2000	USB 2.0 pending driver release

NEW! USB 2.0 READY

USB 2.0 UPGRADE KIT
40 Times Faster Than Current USB

USB 2.0 HUB
40 Times Faster Than Current USB

MICROSOFT WINDOWS COMPATIBLE | Mac | FireWire | HI-SPEED CERTIFIED USB

OrangeLink
FireWire PCI Board

OrangeLink
FireWire CardBus PC Card

Everyone can tackle desktop movies with OrangeLink. Add the power of FireWire® to your PC or Macintosh with the PCI slot-based, OrangeLink FireWire PCI Board. The OrangeLink PCI Board adds three FireWire ports to your computer through its PCI slot. With this addition to your system, you can take advantage of the latest high performance IEEE peripherals, including digital video cameras and portable hard disks. With a leading edge Digital Video (DV) camcorder for example, you can bring live video over the OrangeLink FireWire connection into your computer. Then, with the free included software for Mac and PC, you can do your own home video editing.

Hit the road with FireWire® devices and your portable computer. The OrangeLink CardBus PC Card adds two FireWire ports to your laptop computer through the CardBus slot. Now you can take complete advantage of the latest high performance IEEE peripherals, including digital video camcorders and portable hard disks. You can have FireWire from the boardroom to your cross country flight with this compact product. The OrangeLink includes free software for Mac and PC, so you can make desktop movies while on the move. You can shoot and edit your movies all in the field. Get the OrangeLink and keep your mobile life wired with FireWire.

System Requirements:
Windows® 98SE, ME, 2000
Mac OS 8.6 or greater

OrangeLink FireWire. PCI Board
(Mac/PC) Part #: 70HTL13943

System Requirements:
Windows® 98SE, ME, 2000
Mac OS 8.6 or greater

OrangeLink FireWire. PC Card
(Mac/PC) Part #: 70HTL00040

Save a Slot With FireWire and Ethernet Combination

OrangeLink+
FireWire/Ethernet Board

Stay linked with FireWire® and Ethernet both on one PCI card. The OrangeLink+ FireWire /Ethernet combination card provides both cost savings and saves a valuable PCI slot. The FireWire ports allow for the connection of the latest high performance IEEE devices including everything you need to easily make professional desktop movies. The Ethernet port allows you the flexibility of 10 Mbps or 100 Mbps, making it ideal for all your networking solutions. Network your computers and stay linked with the latest technology of FireWire and Ethernet in one great PCI board. This board comes bundled with video editing software.

OrangeLink+ FireWire./Ethernet PCI Card (PC) Part #: 70HTL00090

Convert a FireWire Port to SCSI

Orange Converter

Continue to enjoy the great advantages of SCSI with your new Mac. iMac, iBook and Titanium users can now have access to SCSI peripherals. G3 and G4 owners can reclaim a PCI slot and continue to enjoy the SCSI devices you already own. Orange Micro's innovative FireWire® to SCSI converter is easy to hook up and use. It connects to your FireWire port and converts all SCSI data from your SCSI peripherals - input and output. The Orange Converter FireWire to SCSI converter is limited to a single SCSI device, however multiple Orange Converters may be attached to your Mac's FireWire ports. The Fast SCSI data transfer rate is 10 MB/s. The Orange Converter, comes standard with a 25 pin SCSI connector and 6-foot FireWire cable. Get an Orange Converter and enjoy all your SCSI devices.

Orange Converter (Mac Only) Part #: 70HTL00010

Connect It All Together With A Hub

OrangeLink
FireWire Hub

Need A FireWire Extension Cord ?

OrangeLink
FireWire Repeater

Stay connected with the OrangeLink® Hub that allows you to disconnect FireWire® peripherals without disturbing other peripherals in a traditional daisy chain. When you have several FireWire devices in a daisy chain configuration, disconnecting one in the early sequence of the chain, interrupts the rest of them. But with the OrangeLink FireWire Hub, you eliminate the daisy chain effect and allow uninterruptible "hot plugging" of all your FireWire devices. The OrangeLink Hub provides a solid single power supply for all your FireWire peripherals. As an additional bonus, the OrangeLink Hub provides a solid 30 watts of power for those multiple FireWire devices in your configuration which use powered 6 pin connectors.

OrangeLink FireWire. Repeater (Mac/PC) Part #: 70HTL00020

Can't reach where you need to be? You need to connect your FireWire® cable peripherals over a longer distance. Each OrangeLink® Repeater adds 15 ft. (4.5 m) of FireWire cabling, up to 225 ft. The IEEE specification limits a single FireWire cable to 15 ft. (4.5 m).

OrangeLink FireWire. Hub (Mac/PC) Part #: 70HTL00030

OrangeLink
FireWire Cable

The short FireWire® cable you received bundled with your peripheral can be a bit constraining. The solution - replace it with a 15 foot cable from Orange Micro. Choose either the IEEE compliant 6 pin to 4 pin or the 6 pin to 6 pin cable (for peripherals requiring FireWire as its power source).

OrangeLink FireWire., 6 pin-4 pin (Mac/PC) Part #: 70CAB13943
OrangeLink FireWire., 6 pin- 6 pin (Mac/PC) Part #: 70CAB13942

iBOT™

FireWire Videoconferencing WEB CAM

Worlds Fastest Web Cam!

VIDEO TELECONFERENCING

Video E-Mail
Attach super-clear video clips to your email for a whole new dimension of communication. Show off brand-new additions to your family immediately! Send video greetings from Fiji! Keep the people you love updated on what you're up to.

WITH FAMILY

Orange Micro is first to market with the iBOT™, a FireWire-based Web Cam. iBOT harnesses the speed and power of FireWire unmatched by the slower USB-based web cams. In fact, the inexpensive iBOT uses the same IEEE technology built into pricey DV camcorders costing over 7 times as much. Orange Micro's iBOT is the desktop video camera for the rest of us, providing crisp, clear video at a price you can afford.

Exclusive FireWire Speed and Clarity
With a data transfer rate that's 16 times faster than traditional USB web cams, you'll experience a Video Frame Rate of 30 frames/second — that's the same speed as you see at your local movie theater. And that's with a big 640 x 480 image size in living color.

Polish Your Presentations
With clarity only iBOT can provide, you can record and save super-crisp video in your home or office. Spice up important presentations with film clips. Hone your persuasion skills with instant video feedback.

Video Teleconferencing for the Internet
The iBOT includes Video Teleconferencing software for both Mac and PC so you can talk to anyone, face-to-face, via the internet, with a whole new level of clarity. Whether its the grandparents, relatives, or old friends you haven't seen, only iBOT provides quality video conferencing unmatched by older USB web cams.

Affordable Movie Making
iBOT can make you a star! Record special family events, such as Christmas, Thanksgiving dinner, or even just everyday life. Produce your own documentaries. iBOT's 400 Mb/s data transfer speed lets you quickly and easily input, edit, and show-off movies with pride.

iBOT Webcam
Part #: 70HTL00101

Step up from the iBOT to the iBOTpro with a headset mic, more video editing software, and teleconferencing software. Mac users will enjoy Adobe Premiere LE video editing software; it's what the professionals use. PC users will be editing and making movies quickly and easily with Ulead Video Studio. Included Video Teleconferencing software for both Mac and PC allow you to talk to anyone, face-to-face, via the internet, with a whole new level of clarity.

iBOT pro Webcam ¥ (Comes with Microphone and Additional Software)
Part #: 70HTL00100

The iBOT PC Kit is a must have for every PC user. Do you have a FireWire Web Cam, FireWire PCI Board, videoconferencing and video editing software? The iBOT PC Kit includes everything a PC user needs to be recording special family events or video conferencing with relatives around the world. All with a whole new level of clarity, that only FireWire and Orange Micro can deliver.

iBOT PC Kit Webcam ¥ (Comes with 3 port FireWire Card)
Part #: 70HTL00102

System Requirements:
Windows® 98SE, ME, 2000
Mac OS 8.6 or greater

MICROSOFT® WINDOWS COMPATIBLE | Mac | FireWire

MICROSOFT® WINDOWS COMPATIBLE | Mac | FireWire

Grappler® SCSI

Don't loose the use of all the SCSI devices you already have available to you. The Grappler SCSI is ideal for the G3 or G4 which lack on-board SCSI, or for the older PCI based Macs which require a major SCSI performance increase.

This family of high performance SCSI interfaces for the Macintosh, was designed to connect your SCSI devices at very reasonable prices. Now you can continue to use your SCSI peripherals. And the price? As much as half the cost of other similar SCSI products. The Grappler+ Series allow you to "Save a Slot™" by combining two great features on one PCI board. This will not only save you a valuable PCI slot, but money too!

Grappler® + SCSI+Serial

Grappler+ SCSI/Serial; 10 MB/sec

The Grappler+ SCSI+Serial board gives you two serial ports along with a fast SCSI port; all in one board. This saves you a valuable slot and lets you use all your SCSI and serial devices, eliminating the need to reinvest in new equipment. It's ideal for new G3/G4 and newer Macintoshes.

Grappler+ SCSI/Serial (Mac) Part #: 70GRP00070

Note:
This product is not for use with AppleTalk or Geoport devices

Add SCSI To Your Mac — Grappler® SCSI 906F

Grappler 906F Economical SCSI; 10MB/sec

Many G3 and G4 customers are looking for an inexpensive way to hook up their existing, slower SCSI devices such as scanners and Zip drives to their G3 and G4. The Grappler SCSI 906F is a Fast SCSI-2 device. It is double the speed of Apple's original SCSI.

Grappler 906F SCSI (Mac) Part #: 70GRP90600

Grappler® SCSI 930U

Grappler 930U Mid-range performance; 20MB/sec

The Grappler SCSI 930U (Ultra) is aimed at the Macintosh desktop user who needs to connect multiple SCSI peripherals such as fast disk drives, scanners, Jaz and Zip drives. It is based on SCSI-3 technology and will allow users to connect up to 7 devices

Grappler 930U SCSI (Mac) Part #: 70GRP93000

Orange Micro is a twenty one year old veteran hardware developer. We develope leading edge PC/Mac products for FireWire, USB 2.0, FireWire Web Cams. Since 1999, we developed a wide range of innovative OrangeLink FireWire products that are compatible with both Windows and Macintosh OS. As the result of a recent technology partnership with NEC, Orange Micro was the first in the world to ship a line of USB 2.0 consumer products.

We are proud of the commitment to quality, service, and innovative products that we have provided to our customers for the past twenty one years and look forward to continuing that commitment. For more information, please visit us at www.orangemicro.com.