01X MLAN FIREWIRE NOTES AND TIPS

FIREWIRE CHIPSETS CONFIRMED BY YAMAHA
1394 Chipsets with Correct Operation Confirmed (for FW16E and mLAN16E2)
also compatible with Yamaha Steinberg FW Driver V1.5.1 for Windows XP, Vista and 7

- AGERE FW323-05
- AGERE FW323-06
- TI TSB12LV23 + PHY
- TI TSB12LV26 + TSB41AB03
- TI TSB43AB22/A
- TI TSB43AB23
- VIA VT6306

A PCI CARD THAT WORKS
Trust VT-2050 (PCI, 3x 6-pin external ports) chipset VIA VT-6306 works perfectly with the latest FW
Yamaha driver (v1.51) and the MOTIF.XS6 (w/ mLAN16E2)
http://www.trust.com/products/product.aspx?artnr=14854

KNOWN CHIPSET NOT COMPATIBLE
1394 Chip Set NOT Compatible with this driver

- NEC D72873GC
- NEC D72874GC
- NEC uPD72874

OHCI COMPLIANCE

* Firewire IEEE 1394a 2X External + 1X Internal port
* Embedded 1394a OHCI Link and PHY core function into single host controller
* Complies with 1394 OHCI spec V 1.0 and V 1.1
* Compatible with Microsoft OHCI, DV, and SBP-2 driver in Win 98 SE/ME/2000/XP
* Compliant with PCI specification 2.2
* Support high performance bus mastering
* Integrated 400 Mbit PHY

Compliant with IEEE 1394 standard for high performance serial bus and P1394a supplement 4.0
* Each 1394a fully compliant cable port supporting 100/200/400 Mbit/sec
* Compliant with PCI bus power management specification V 1.1
* Full support real time dynamic insertion and removal of devices
* Fully supported by Microsoft Win98SE/ME/2000/XP

01X MLAN FIREWIRE NOTES AND TIPS (continued)

TROUBLESHOOTING

FIXING FIREWIRE PROBLEMS IN WINDOWS 7
http://www.studio1productions.com/Articles/Firewire-1.htm

mLAN on Win 7 (32-bit) you need do two things:

- You need switch Win 7 to so called "test mode" during installation of mLAN drivers via tool named "Driver Signature Enforcement Overrider", because Win 7 block installation of unassigned drivers.

- Switch Firewire driver to legacy mode

GENERAL TIPS

+ You want to make sure you can get Firewire on it's own IRQ

+ Start menu and then select RUN and type, mcinfo32

+ in left window, select "Hardware resources", IRQs

See if firewire is on it's own IRQ. Mine says "IRQ 22 Texas instruments OHCI compliant IEEE 1394 Host controller"