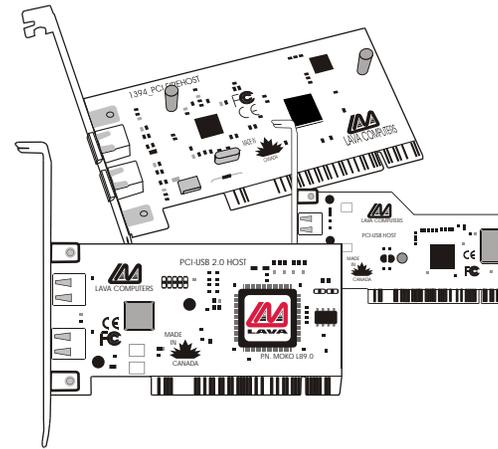Lava Computer MFG Inc.
2 Vulcan Street, Toronto, ON M9W 1L2
www.lavalink.com

LAVANews

August 2001 Vol.3 No.3

High-speed
Host Adapters

Lava High-Speed Host Adapters

Lava has always focused on ease-of-use. Now both PC and Mac users can do more, faster. Lava high performance host adapters combine all the advantages of superior standards including decreased cost, greater ease-of-use, increased compatibility, and advanced functionality.
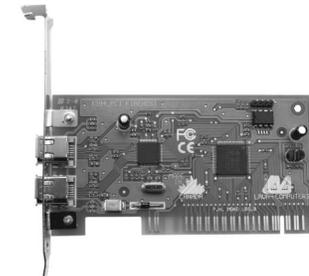
Lava's IEEE 1394 (FireWire®) FireHost adds two 400 Mbps ports on the PCI bus. It is ideal for digital video users – PC or Mac – who want to add or expand ports to connect DV peripherals, like DV cameras or Lava's FireDrive.® IEEE 1394 has native support in Windows 98SE, ME, 2000; and XP; Mac 8.6+; and Linux 2.4+.

In the USB world, adding ports with host adapters makes especially good sense. Increasing the number of USB ports in a system by employing a USB hub subdivides the bandwidth of the port the hub is attached to – but, when you add ports with a host adapter, you are adding full bandwidth on each new port.
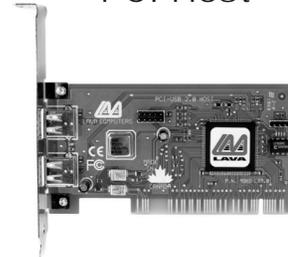
Lava's new USB 2.0 Host Adapter adds two USB 2.0 ports, each with up to 480 Mbps of data throughput. USB 2.0 is currently supported in Windows 2000 and ME, and will connect both USB 2.0 peripherals as well as USB 1.1 devices.

Finally, the workhorse Lava USB 1.1 Host Adapter can transfer data at up to 12 Mbps. The USB 1.1 Host Adapter is supported in Windows 98SE, ME, 2000, and XP; Mac 8.6+; and Linux 2.4+.
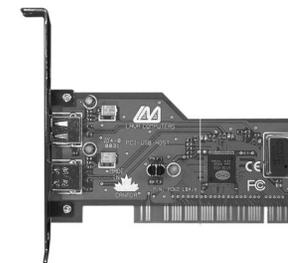
All these adapters install simply and easily, and all allow hot-plugging of devices.

NEW from LAVA NEW from LAVA NEW from LAVA NEW from LAVA NEW from LAVA

FireHost
IEEE 1394
PCI Host

USB 2.0
PCI Host

USB 1.1
PCI Host

Host Adapter Sales Tips:

- Great for add-on sales with new PCs: few motherboards come with IEEE 1394 on-board.
- Ideal for upgrades: older systems gain new capabilities.
- Additional USB ports help maximize USB bandwidth.
- Cross-platform support for USB 1.1 and IEEE 1394.

Cross-Platform

Profile File

Located just around the corner from Lava, Great Lakes Electronics Distributing distributes brand names like Lava, Intel, Epson, 3-Com, Microsoft and Kingston in the upper New York state area. They also provide custom built computer systems and e-commerce capabilities.

GLED is qualified as a Microsoft Solution Provider, a Microsoft OEM System Builder, and a Certified Microsoft OEM, guaranteeing high quality and excellent support. The low defect rate of their systems means a low total cost of ownership and higher profits for their resellers, which is why GLED fits so well with Lava's own product philosophy.

GREAT LAKES
ELECTRONICS DISTRIBUTING, INC.

22 James E. Casey Drive
Buffalo, NY 14206

Tel. (716) 825-9611
Fax: (716) 825-9623
www.gled.com

Lavalites (People who work here)

Mark Keller is Lava's happy camper – literally. Each August Mark takes off to the Carpathian mountains for a month, to volunteer at a camp for orphaned children ages 12 to 15.

This is Mark's sixth year volunteering to make life better for these kids, 450 of whom come for two weeks of sports, arts and crafts, and fun they would not otherwise have. Having been a volunteer at the camp since its beginning, Mark is now in charge of kitchens, proving that there really is room to move as a fry chef.

When he's not doing good for the orphans of the Ukraine, Mark is doing good for Lava, handling sales in Canada.

If you are interested in further information or assisting the Help Us Help The Children Camp, you can contact the camp organizers at 416 604-4611.

OK, so she's not really a hostess. Anyway, Jane Malcolmson had a new PC. She was feeling pretty good about her purchase for seven months, and was excited by the speed and power of her new system.

In fact, she was impressed enough by the capabilities of her computer that she wanted to try her hand at digital video, and looked into digital video cameras. "It was a good news/bad news scenario," she recounts. "The good news: I was amazed to see that DV cameras were actually really affordable. The bad news was that they all had a FireWire or iLINK port, and my computer didn't. And I didn't want to get a Mac just to get in on the fun."

FireWire, iLINK, IEEE 1394 – whatever you call it, very few PC motherboards have it built-in. The Lava FireHost is the answer. Jane says, "I was relieved to find a simple and inexpensive solution for connecting my camera. You wouldn't leave a roll of film in your camera forever, would you?"

While she was at it, Jane added a USB 2.0 Host Adapter as well. She remarks, "I'm going to get a USB 2.0 external drive next. Lava's Kazan USB 2.0 drive looks interesting. In the meantime, my USB 1.1 stuff works perfectly on this USB 2.0 host adapter. Now I'm really covered for the future."

LAVA
LIFETIME
WARRANTY

Lava in its New Building: Part 3

If this looks to you like a computer without a case, and a Lava board plugged in, you're right. This is just one of the test jigs at Lava. Every Lava board we build gets this treatment, and not surprisingly it's very similar to what happens to the products once they are in the field. If a board builder doesn't say that they test <u>every single board</u>, you can be pretty sure they don't. Our confidence in the quality of boards coming out of "test" lets us offer the "Lava Lifetime Warranty" – a standard of assurance unique in the industry!

After testing and packaging, the cards are readied for shipment to customers around the world.

Lava test jig

Lava product ready
to ship

LAVA
LIFETIME
WARRANTY

The Source for Ports