LAVANews

October 2001 Vol.3 No.5

Getting ready for...
Windows XP
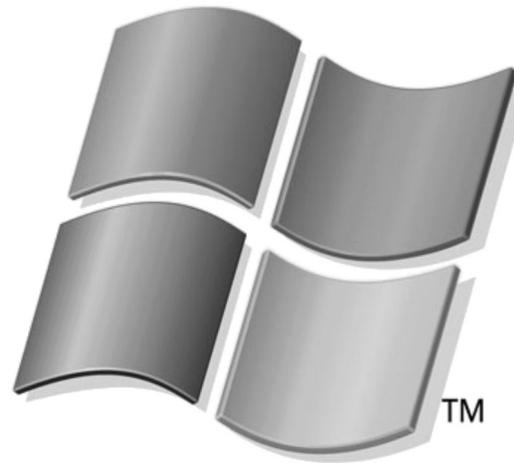
(416) 674-5942   www.lavalink.com   (416) 674-5942   www.lavalink.com   (416) 674-5942

(416) 674-5942   www.lavalink.com   (416) 674-5942

Getting Ready for Windows XP

WORKS
with
LAVA

WORKS
with
LAVA

WORKS
with
LAVA

<u>Understanding Microsoft's Windows XP PC System Requirements</u>

With the launch of Windows XP, Microsoft is creating a Windows XP Logo Program. Builders and resellers of PC systems packaging their systems with the Windows XP logo will need their systems to meet this program's requirements. The program creates two designations: "Designed for Windows XP", and "Designed for Windows XP -- Optimized". These designations include requirements that affect users of Lava's products.

Systems "Designed for Windows XP" include:
• Reduced legacy support (that is, no ISA devices)
• 128 MB of RAM, minimum
• ACPI support for power management and Plug and Play
• Complete Plug and Play support for every device
• All drivers must have digital signatures

The more stringent "Designed for Windows XP -- Optimized" requires PCs to meet the first standard plus additional requirements, including "at least four USB 1.1-compliant ports" and "at least two IEEE 1394 ports".

Systems that are marked "Designed for Windows XP" are systems that, in Microsoft's words, "guarantee a consistent level of quality for the customer experience with Windows XP", while those "Designed for Windows XP -- Optimized" are systems whose "hardware or software not only works well with Windows XP, but also takes full advantage of the new operating system's features", according to Microsoft's criteria.

LAVA
LIFETIME
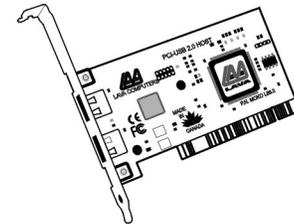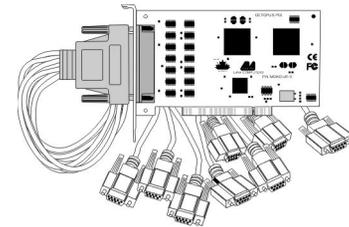WARRANTY
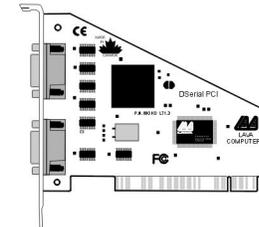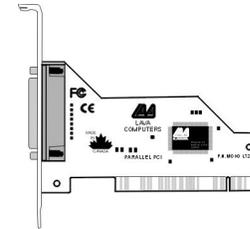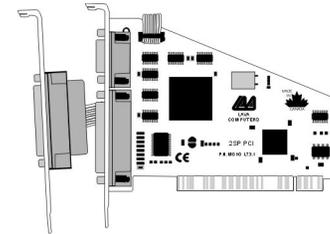
Getting Ready for Windows XP (cont.'d)

What do these system requirements mean for Lava ISA boards?

It should be remembered that in setting these standards Microsoft is in effect protecting the reputation of its new operating system. In particular, they wish Windows XP to be seen as user-friendly, stable, and powerful. To this end, a system "Designed for Windows XP" has no ISA devices. This does not mean that ISA devices will not work in Windows XP; it merely means that Microsoft does not consider them a part of what they term the "Best User Experience". In fact, Lava has tested its LavaPort-ISA, SSerial-550, DSerial-550, 2SP-ISA, Parallel Bi-directional, and Parallel-ECP/EPP cards in Windows XP systems with success.

What opportunities do Microsoft's new standards create?

Requiring systems "Designed for Windows XP -- Optimized" to have four USB 1.1 and two IEEE 1394 ports sets a standard that is not currently met by many motherboards. Builders and resellers who wish to configure systems to meet the rigorous "Designed for Windows XP -- Optimized" designation can add additional ports with host adapters. The Lava USB 1.1 Host Adapter, the Lava FireHost IEEE 1394 Host Adapter, and the Lava USB 2.0 Host Adapter are ideally suited to this purpose.

For further information on Microsoft's logo program:
http://www.windowslogo.com

WORKS with LAVA

WORKS with LAVA

WORKS with LAVA

LAVA
LIFETIME
WARRANTY

Moving to Windows XP

Scott Gardner talks about his preparations for Windows XP

"I just happened to give Windows 2000 a miss, although I heard it was a solid OS. But lately the office was feeling the instability of the Windows 98 systems we were running, and I decided to test out the Windows XP Professional Release Candidate that Microsoft was offering. I plan to move the office systems there next."

"I didn't want to go out on a limb by installing a pre-release operating system on a work system, but I wanted to see that the major hardware we were using at the office would work with Windows XP. Our office has only 18 computers, otherwise I'd call my test a fancy name like "pilot deployment." Anyway, I configured a system with the same video, NIC, and I/O cards as our office standards, and set it up first with Windows 98."

"I then upgraded to Windows XP. The whole process went better than I expected, as far as getting all the hardware to work with the new operating system. I found that the "Files and Settings Transfer Wizard" -- as Microsoft calls it -- was actually very effective."

"I was particularly impressed with the system's smooth support for the Lava cards that were in my model system--a Parallel-PCI and a DSerial-PCI. They both worked the same as before, with no tweaking or headaches."

"I'm not really the sort to jump into a new OS, but I have to admit that I was also motivated by having just got a new Lava USB 2.0 Host Adapter. With Windows 98, I was only using it as a USB 1.1 host."

ADM 21, located near Paris, was founded in 1998 by Mr. Claude Di Mascio and Mr. Christian Amat to serve the markets of I/O products in France for RS232 - RS422 - RS485 - Parallel - USB - IEEE1394 FireWire add-on boards. ADM 21's customers are wholesalers, computer resellers, industrial computer resellers, software houses, systems integrators, and POS integrators who need I/O boards for the deployment of their solutions.

In the beginning of 1999, ADM 21 introduced Lava products in France at SURCOUF (www.surcouf.com), the largest Retail Computer store in Europe. Since the introduction of LAVA products in France, ADM 21 has deployed more than 15,000 LAVA products to meet the needs of its growing base of customers.

Lava at COMDEX Fall 2001 in Las Vegas

Lava will again be at COMDEX Fall, with an interesting lineup of new product. See us November 12-16 in the Las Vegas Convention Center. We will be in booth L7162 at the Canada Pavilion.

Also, check out the next edition of LAVANews for details on the new product we will be showing there!

Lavalites (People who work here)

The friendly voice answering the phone at Lava–if you're lucky–is that of Zirka. Zirka is something like Halley's comet among Lavalites: she shines brightly here, but only at times.

The reason is simple. Zirka works here while taking her studies at the Wilfrid Laurier University in Waterloo, Ontario. She's around through the summers, and when the school routine relaxes. When she's here she brings a cool competency that makes us wish she could be here all the time.

The Source for Ports

LAVA