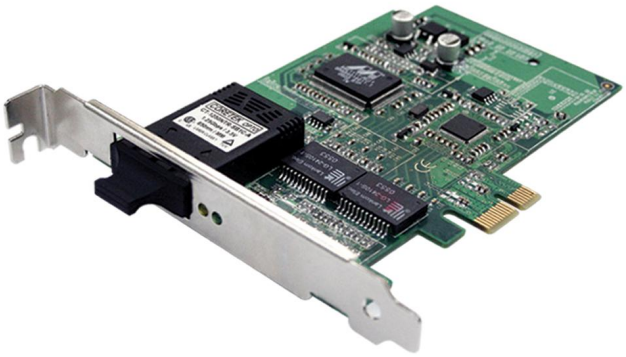
New fiber optic network card makes use of full gigabit performance

Internal PC Data Flow by Express Delivery

Press Release



PCI Express Network Card with Fiber Optic Connection

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Hamm, 18 June 2007

MICROSENS now offers a new PCI Express Gigabit Ethernet Network Card with fiber optic connection. Using this network card, it is possible to connect PCs directly to a fiber network (Fiber-To-The-Desk) with full gigabit performance.

PCI Express, or PCIe for short, is the successor to PCI and is the internal PC data bus of the future. The main advantage of PCI Express is the much higher data rate between PC processor and network controller. PCIe now is capable of making full use of the transmission speed of Gigabit Ethernet networks. Up until now, classic PCI network cards have only been able to achieve a maximum data rate of 240 Mbps.

Due to the increased use of thin clients, more and more software applications are being transmitted via networks, as well as data. Utilisation of the gigabit performance means that waiting times for loading applications and data have been significantly reduced.

Users of Fiber-To-The-Desk (FTTD) networks often have to extend their PCs with a fiber optic connection, in order to link these directly with the FTTD network. PCI Express, the new MICROSENS network adapter, provides PC users with the full gigabit performance. External media converters, which are usually operated via an existing copper connection, are thus no longer needed.

The PCIe network adapter has a SC duplex connection for multimode fibers in accordance with 1000Base-SX (single mode versions also available upon request). It supports all current OS such as Microsoft Windows® 2003/2000/XP, Linux 2.2/2.6 and Novell Netware.

The network adapter also supports all current standards such as Jumbo Frames, VLAN Tags, Advanced Configuration Power Management (ACPI 2.0), Wake-on-LAN and many more. Remote management can be configured via SNMPv1 (RFC 1157).

Please find this press release, background information and high-resolution images at:

www.microsens.com **Newslink: 820202**

Company Profile.

MICROSENS is a world leader in production of fiber optic data transmission systems. The companies' expertise covers all applications using fiber optics, ranging from local area networks (LAN), via access networks right up to industrial and metro networks (MAN).

Heavy investments into the latest manufacturing equipment together with most advanced technology guarantee leading edge solutions. MICROSENS offers creative solutions using high quality components in order to meet customer requirements at the highest level in an application orientated and cost effective way.

Since its foundation in 1993, MICROSENS, which is based in Hamm, Westphalia (Germany), has concentrated with increasing success on the development and production of active components for data communication networks.

MICROSENS sells its solutions worldwide via the headquarters and the representative sales offices in France, Poland and Singapore. The product range is sold and supported locally by certified Sales Partners. All delivered products meet international regulations and standards, such as Gigabit Ethernet, SONET/SDH, Fibre Channel etc..

The tremendous growth of the company leads to an international awareness as a manufacturer of active fiber optic systems. Due to the fact that MICROSENS has its own production facilities orders can be processed quickly and efficiently according to the customers requirements.

In autumn 2006 a further step for the future success was made. Due to the investment of the new main shareholder MICROSENS now belongs to the fast growing and high profitable euromicron group, which has a focus on networking and fiber optic technology with its several investments in the IT industry.