

COMMELL Launches MPX-3132 PCI Express Mini Card Supporting SATAII and RAID

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Press release from: [Taiwan Commate Computer Inc.](#)



Taiwan Commate Computer Inc. (COMMELL), announced its new 2-port External Serial ATA (eSATA) Host Bus Adapter PCI Express mini card -- MPX-3132. MPX-3132 board maximizes the performance of two external SATA ports, built on the high-speed Sil3132 SteelVine controller, connects two 3 Gbps external Serial ATA (eSATA) device ports to a single lane Mini-PCI Express host connection and includes support for FIS based port multiplier switching which accesses multiple drives simultaneously, effectively aggregating the bandwidth of the drives (Traditional SATA controllers only support CMD based switching which can only access a single drive at a time).

The board has a bandwidth of 3Gbps per port, making them ideal for connecting multi-drive storage solutions, and it is compatible with Windows, Linux operating systems, with software RAID driver enables RAID 0 (FAST), 1 (SAFE) and BIG (drive spanning) when single drives are connected to the (two) eSATA ports. When connected to a port multiplier, RAID 0 (FAST), 1 (SAFE), 10 (SAFE & FAST) and BIG (drive spanning) are supported, as well as RAID 5 using a Silicon Image software RAID driver.

MPX-3132 PCI Express mini card supports dual-port External SATA II, allowing system integrator to get to market quickly and take full advantage of the speed and plug-and-play convenience of external SATA.

Features

- 1) PCI Express Mini Card compliant, Complies with RoHS.
- 2) Onboard PCI Express Sil3132 controller.
- 3) 2 External SATA II ports (3 Gbps).
- 4) Compliance with Serial ATA revision 2.5.
- 5) Supports Port Multipliers with FIS based switching.
- 6) Support for RAID 0 and 1 when single drives are attached.
- 7) Support for RAID 0, 1, 10, and 5 when attached to a Port Multiplier.
- 8) Driver supports for Windows, Linux.

COMMELL PCI Express Mini Card

PCI Express Mini Card (also known as Mini PCI Express, Mini PCIe, and Mini PCI-E) is a replacement for the Mini PCI form factor based on PCI Express. PCI Express Mini Cards are 30 x 56mm in dimensions and smaller than PC Cards, PCI Express add-in cards, Mini PCI add-in cards, and other add-in card form factors. This reduced size permits a higher level of integration into embedded PC. It provides a number of benefits, including: Flexibility for Build-To-Order, Upgradeability for the newest technology, Serviceability, Reliability, Reduced size.

MPX-574D (D2): 1 x Giga LAN (2 x Giga LAN).

MPX-SDVOD: DVI interface.

MPX-SDVOX: 24 bit dual channel LVDS.

MPX-7767: 802.11 b/g/n wireless LAN.

MPX-2503: 802.11 b/g wireless LAN.

MPX-954: 4 x RS232.

MPX-827: SD/SDHC interface.

MPX-885: Video Capture.

MPX-643: IEEE1394a & IEEE1394b.

MPX-7202: 2 x USB3.0 ports.

COMMELL is a leading supplier of Single Board Computers and focuses on developing the most advanced and reliable IPC and Surveillance products. In addition to promise our customers constantly stay ahead of this competitive business, we are always in search of disruptive & incremental sustaining innovation. We treat every of our customer as partner and provide the best services and total support. The combination of innovation, superior quality, and excellent services will ensure both Taiwan Commate Computer Inc., and our customers always have the competitive edge in the computer world.

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