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# COMMELL Launches MPX-7202 PCI Express Mini Card Supporting USB 3.0

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



Taiwan Commate Computer Inc. (COMMELL), announced its new USB 3.0 Super-Speed PCI Express mini card -- MPX-7202, the Super-Speed USB 3.0 is the next revolution in I/O interconnect standards that will works up to 5 Gbps data transfer when connecting to USB 3.0 compliant peripherals, with 10 times faster throughput than USB 2.0 standard, and maintaining compatibility with existing USB 2.0 or USB 1.1 peripheral devices.

The board based on the NEC  $\mu$ PD720200 Universal Serial Bus 3.0 host controller (The first USB 3.0 controller chip), which complies with Universal Serial Bus 3.0 Specification, and Intel's eXtensible Host Controller Interface (xHCI), It supports Low-speed (1.5Mbps)/ Full-speed (12Mbps)/ High-speed (480Mbps)/ Super-speed (5Gbps) data rate, and supports all USB compliant data transfer type.

The MPX-7202 PCI Express mini card supports dual-port Super-speed USB 3.0, with its high speeds, Plug-n-Play, and more power output (maximum 900mA) to USB device that will benefit computer peripherals in many of the applications such as Human-Interface devices, new Mass Storage Device, digital cameras, networking, video devices.

## Features

- 1) PCI Express Mini Card compliant, Complies with RoHS.
  - 2) Onboard PCI Express NEC  $\mu$ PD720200 USB 3.0 Host controller.
  - 3) Compliant with USB 3.0 Spec. Revision 1.0 and xHCI Spec. Revision 0.96.
  - 4) Expands two external USB 3.0 Super-speed ports.
  - 5) Built-in power connector for receiving extra power supply from system.
  - 6) Support USB legacy function.
  - 7) Each USB port supplies maximum +5V/ 900mA power output with fuse over current protection.
  - 8) Driver supports for Windows XP, Vista and 7.
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#### 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.

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