



NES-PCIE-MINI

PCI EXPRESS CARRIER BOARD FOR MINI PCI EXPRESS

► HIGHLIGHTS

PCIe Carrier board up to 6x MiniPCI Express slots

Supports half and full size MiniPCI Express modules

PCI Express Gen 3, USB 3.1, USB 2.0 and SIM card interfaces provided for each of 6 MiniPCI Express circuit

Supports x4 or x1 PCI express Gen 3 upstream connection (8 GT/s) to motherboard

Compliant with Specifications:
PCI Express 3.0, MiniPCI Express 2.1 and USB 3.1

Dimensions: 160 mm x 68 mm



RELATED PRODUCT

PCI Express Carrier board for 6 MiniPCI Express modules was designed to expand modern motherboards with PCI Express interface. It is with MiniPCI Express 2.1 and PCI Express Gen 3 Specifications support.

The NES-PCIE-MINI Carrier board has PCI express Gen 3 switch for splitting upstream PCI express interface from a motherboard between 6 independent MiniPCle circuits. USB 2.0 and USB 3.0 connection to all MiniPCle circuits is done via SuperSpeed USB 3.1 SmartHub controller. Hub upstream port can be connected or via on-board USB 3.0 Micro-AB connector and standard USB 3.0 cable to on-motherboard USB connector or to on-board USB 3.0 PCI express Host controller. Type of the upstream connection is defined by on-board switch.

The NES-PCIE-MINI Carrier board is a standard one-slot wide, half-size (2U), half-length PCI express board. It is located in the middle of the PCI express slot and can be connected to a motherboard PCI express connector via x1 or x4 PCI express interchangeable Adapter. This flexibility makes the NES-PCIE-MINI Carrier board agnostic to the size of the motherboard PCI express connector. Three MiniPCle circuits are located on the component side, and another three MiniPCle circuits are located on the soldering side of the carrier board without violation PCI Express Specification

Order Part Number:

- NES-PCIE-MINI PCIe Carrier board with up to 6x Mini PCI Express slots