PCIe MiniCard Carrier

PCI/104-Express Quad PCIe MiniCard Carrier

Description
The PCIe MiniCard carrier offers four PCIe MiniCard sockets on a compact PCI/104 Express form factor board. All four sockets have PCIe x 1 and USB interfaces and support full size and half size PCIe MiniCard modules.

The module provides full support to all sockets while consuming only a single lane of host SBC resources. SIM card support is provided for two sockets.

All power is derived from the PCIe/104 connector +5V power tab. The PCI-104 connector provides a pass through connection and is not used by the module.

Rugged Design
Extended temperature capability (-40°C to +85°C) enables the board to operate in environments with extreme temperature swings, such as vehicles or outdoor installations. For further enhanced ruggedness, zero ohm resistors can replace jumpers.

- 4 PCIe MiniCard sockets
- PCIe x 1 and USB interfaces
- 4 sockets support full size PCIe MiniCards
- 2 sockets support half size PCIe MiniCards
- SIM cards supported in two sockets
- mSATA flashdisks up to 64GB supported in one socket
- LEDs provided for all 4 sockets
- PCI-104 pass through connector
- PCI/104-Express form factor with wings (4.5” x 3.775”)
- Operating temperature of -40°C to +85°C
- Shock: MIL-STD-202G compliant
- Vibration: MIL-STD-202G compliant
- Weight: 2.5oz (70.9g)

Ordering Information
E104-MPE-04 PCI/104-Express Quad PCIe MiniCard Carrier

A.00