

Mini-PCIe to M.2 NVME SSD Adapter Card

The GW16148 is a Mini-PCIe to M.2 Adapter designed to allow support of M.2 NVME storage drives on Gateworks single board computers. NVME drives come in many different sizes. These adapters allow M.2 M-Key NVME cards to be plugged into a Mini-PCIe slot on a Gateworks Single Board Computer. Many NVME drives typically use 4 lanes of PCIe in desktop computers but only one lane is used on Gateworks SBCs. The adapters support M.2 cards in the following M.2 sizes: 2242 (22mm x 42mm), 3042 (30mm x 42mm), 3050 (30mm x 50mm), and 3052 (30mm x 52mm). The following sizes are also available: 1630, 2230, 3030.

FEATURES

- Mini-PCIe to M.2 NVME SSD Adapter
- M.2 M-Key Support
- Supports M.2 Sizes:
 - 1630, 2230, 3030
 - 2242, 3042, 3050, 3052
- Uses single PCIe lane
- Customized variations also available to support other M.2 peripherals
- -40°C to +85°C Operating Temperature
- Made in USA
- 1 Year Warranty

SPECIFICATIONS

Electrical

Input Voltage

- 3.3V From Mini-PCIe Edge Connector

Operating Current

- Not Applicable

Mechanical

Dimensions

- 30.0x66x6.2mm (1.18x2.59x0.24in)

Weight

- .2 oz (5.7g)

Environmental

Operating Parameters

- Temperature: -40°C to +85°C
- Humidity (non-condensing): 20% to 90%
- MTBF: TBD Years at 55°C

Storage Parameters

- Temperature: -40°C to +85°C
- Humidity (non-condensing): 5% to 95%



ORDERING OPTIONS

Product Customization

The GW16148 can be customized for high volume applications. Contact the factory for information.

- Removing resistors to achieve compatibility
- Alternative M.2 Keys, A-Key, E-Key, M-Key