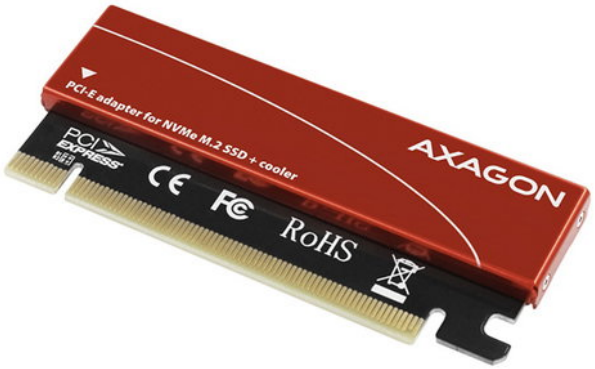



# Axagon PCEM2-S PCIe x16 - M.2 NVMe M-key slot adapter, w. passive alu heatsink

Model: PCEM2-S

Manufacturer: AXAGON

EAN: 8595247903983

Product Code: 1425406

## R840

The internal AXAGON PCEM2-S adapter allows to connect the M.2 SSD to a desktop using PCI-Express bus.

High-quality construction, compact dimensions, attractive design and sophisticated cooling make the adapter an ideal choice for upgrading a desktop that is not equipped with any M.2 slot.

The adapter supports the use of both one-sided and double-sided NVMe (PCI-Express) M.2 SSDs. The reduction does not limit SSD capacity, and any M.2 cards with a size up to 22x80 mm can be used.

Thanks to PCI-Express 3.0 4-lane interface, a speed as high as 8GBps can be achieved. When compared to SATA SSDs, bit rates of NVMe SSDs are many times higher.

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The aluminum cover functioning as a cooler and the attached thermally conductive pads help to cool the M.2 SSD. As a result, an ideal combination of M.2 SSD cooling and heat discharging is achieved.

LED indicates either power on or data transfer in the M.2 slot.

Input:

• PCI-Express 3.0 interface compatible with PCI-Express 1.0a / 1.1 / 2.0 / 2.1.

• Number of 4-Lane lines compatible with x16 PCIe slots.

• Bandwidth of 4-Lane PCI-Express 3.0 bus of up to 8 GB/s (two-way).

Output:

• NGFF 75-pin M-key slot for the installation of NVMe (PCI-Express) of M.2 SSDs.

Other features:

• Full Plug and Play support.

• Support of M.2 drives with a size of 2230, 2242, 2260, and 2280 mm.

• Support of M-key or B+M-key NVMe (PCI-Express) M.2 SSDs drives without limitation of maximum capacity.

• Support of both one-sided and double-sided M.2 drives.

• A better heat discharge thanks to plated vents, thermally conductive pads and aluminum cover.

• Support of booting from SSD card.

• No drivers need to be installed.

• Dimensions 102 x 43 x 8 mm, weight 43 g.

Power supply:

• The adapter is directly supplied from PCI-Express bus; no external power supply is needed.

Supported operating systems:

• MS Windows 7 / 8 / 8.1 / 10, Windows Server 2012 / 2016 (all 32-bit as well as 64-bit versions of OS Windows are supported), Linux with kernel 2.6.31 and higher.

• Note: When operating under Windows 7, contact the manufacturer of the M.2 SSD to find whether this OS is supported.

Package contains:

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- PCIe adapter for M.2 NVMe (PCI-Express) SSD with the aluminum cover,
- 3 thermally conductive pads,
- mounting material and a screwdriver,
- printed installation manual EN/CZ/DE/ESP/FR/HU/IT/PL/RO/RU/SK/BG,
- packed in a cardboard box with clearly indicated parameters.

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