



## P2M04M01

PCIe x4 to NVMe M.2 Key-M  
Card support PCIe #CLK\_REQ



### Introduction

SUNIX P2M04M01 PCI Express x4 card expands a M.2 module (Key-M) into desktop or server PC, allowing user accesses new generation NVM Express interface (Non-Volatile Memory Host Controller Interface Specification) to capitalize on the low latency and internal parallelism of solid-state storage devices. It supports M.2 NVMe SSD storage module in 2280, 2260, 2242, or 2230 format with driver free feature. To maximum the highest performance of M.2 NVMe SSD, this card ensures the PCBA layout routing length less than 1.5inch between PCI Express and M.2 slot. It is the best M.2 NVMe SSD adapter card solution for desktop, server, gaming, or industrial applications.

### Features

- Maximum bandwidth up to PCIe Gen4 x4 specification.
- Compliant with PCI Express M.2 specification 1.0.
- Supports M.2 modules in format 2280, 2260 2242, and 2230 with Key-M or Key-B+M based on PCI Express communication.
- PCBA layout routing length less than 1.5inch between PCIe and M.2 slot.
- Compliant Full High and Low Profile PCIe bracket (Optional Accessory).
- Plug-n-Play, I/O address and IRQ assigned by BIOS.
- Certified by CE, FCC, VCCI, BSMI, and RoHS approval.
- Driver free under Windows, Linux, or other operation systems.
- Support PCIe #CLK\_REQ pin to M.2 slot.

#### Note:

- SUNIX P2M04M01 card is **NOT** compatible with a M.2 SATASSD with Key-B, nor M.2 SATA SSD with Key-B+M module.
- Product spec supports maximum bandwidth up to PCIe Gen4x4 with an appropriate NVMe module installed.

## Specifications

<b>Model</b>	P2M04M01
<b>Description</b>	PCIe x4 to NVMe M.2 Key-M Card
<b>M.2 Interface</b>	1 x 67 pin M.2 Key-M slot
<b>PCIe Interface</b>	PCI Express x4 Ve4.0
<b>Environment</b>	Operation temp. 0 °C ~ 40 °C (32-104°F) Operation humidity: < 85% non-condensing Storage temp. -10 °C ~ 85 °C (14~176°F)
<b>Weight</b>	40g
<b>Regulatory Approvals</b>	EUR: CE, EN55032 Class B, EN55035, US: FCC Part 15 Class B TAIWAN: BSMI: CNS13438 JAPAN: VCCI
<b>Green Environment</b>	RoHS, CRoHS, WEEE
<b>Mechanical Drawings(unit: mm)</b>	<p>156.1(L)x40.8(W)x1.6(H)mm</p>

## Package

- P2M04M01 - PCIe x4 to NVMe M.2 Key-M Card.
- Manual.
- 1 x Fixing Screw.
- 1 x Standoff Holder.
- Low Profile Bracket (Optional Accessory)