



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 Gen3 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 **SATA**SSD with Key-B, nor M.2 **SATA** SSD with Key-B+M module.

Specifications

Model	P2M04M01
Description	PCIe x4 to NVMe M.2 Key-M Card
M.2 Interface	1 x 67 pin M.2 Key-M slot
PCIe Interface	PCI Express x4 Ve3.0
Environment	Operation temp. 0 °C ~ 40 °C (32-104°F) Operation humidity: < 85% non-condensing Storage temp. -10 °C ~ 85 °C (14~176°F)
Weight	40g
Regulatory Approvals	EUR: CE, EN55032 Class B, EN55035, US: FCC Part 15 Class B TAIWAN: BSMI: CNS13438 JAPAN: VCCI
Green Environment	RoHS, CRoHS, WEEE
Mechanical Drawings(unit: mm)	<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)