SUNIX

Quick Installation Guide

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## 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.

Package

Please check if the following items are present and in good condition upon opening your package. Contact your vendor if any item is damaged or missing.

1. Hardware:
   1). P2M04M01 - PCIe x4 to NVMe M.2 Key-M Card x1pcs
   2). Standoff Holder x1pcs
   3). Fixing Screw x1pcs
   4). Low Profile Bracket (Optional Accessory)
2. Quick installation guide (This document)
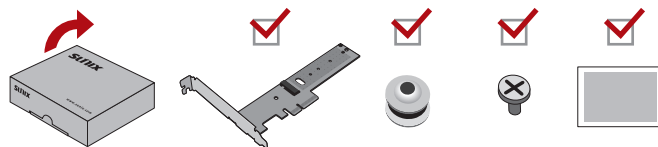
Features

• 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.
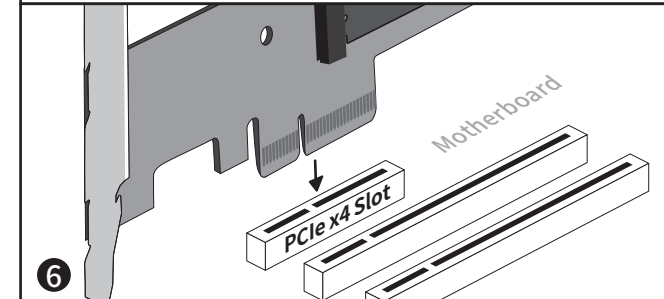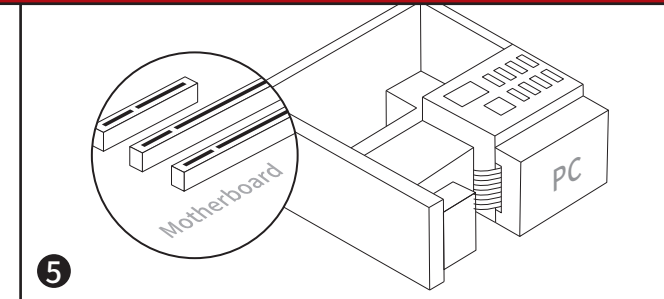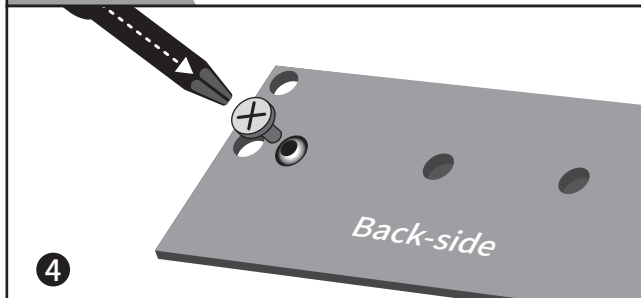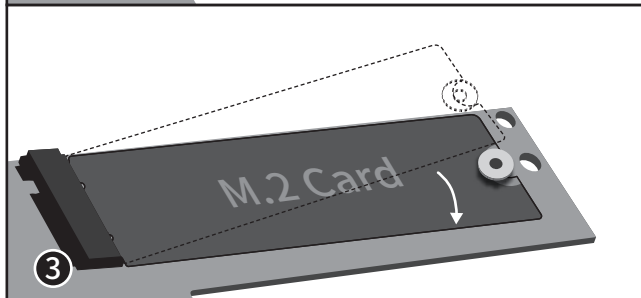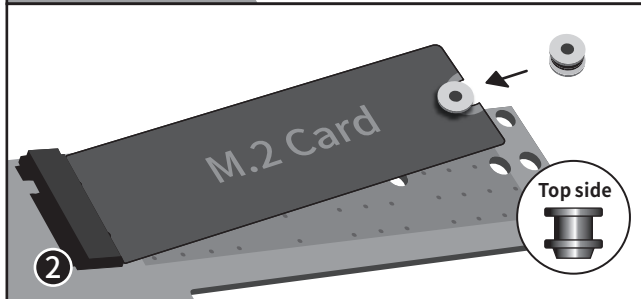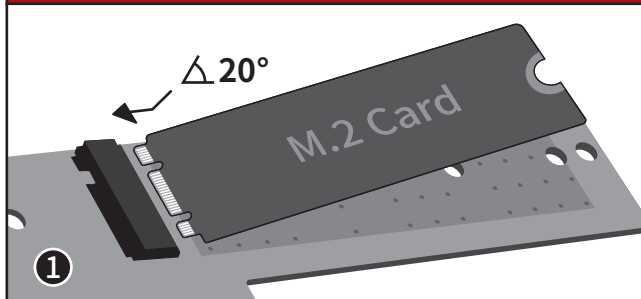• Support PCIe #CLK_REQ pin to M.2 slot.

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.

Specification

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
Regulatory Approvals	EUR: CE, EN55032 Class B, EN55035 US: FCC Part 15 Class B TAIWAN: BSMI: CNS13438 JAPAN: VCCI
Green Environment	RoHS, CRoHS, WEEE
Operation Temperature	0 °C ∼ 40 °C (32-104°F)
Operation Humidity	< 85% non-condensing
Storage Temperature	-10 °C ∼ 85 °C (14~176°F)
Weight	40g
Dimension	156.1(L)x40.8(W)x1.6(H)mm

Hardware Installation

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Made in China
771-QP2M00001-S01