USB 3.0 Type-C & Type-A PCIe Card with M.2 SATA SSD Adapter
Installation Guide

Introduction

The *USB 3.0 Type-C & Type-A 3-Port PCIe Card with M.2 SATA SSD Adapter* adds one USB 3.0 Type-C port, two USB 3.0 Type-A ports, and one M.2 (B Key) SSD slot to your PCIe-enabled desktop PC simultaneously.

Specifications

- Bus connector: PCI Express x1
- Version: PCI Express 2.0
- Data transfer rate: Up to 5Gbps
- USB power output: Up to 1.5A
- Drive type (not included): B key M.2 SATA SSD
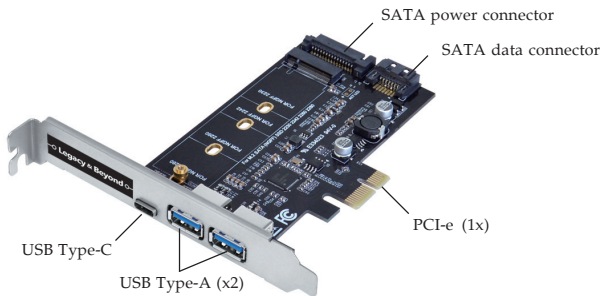- Compatible drive length: 30/42/60/80(mm)

System Requirements

- Desktop PC with one available PCIe slot
- Windows® 10 (32-/64-bit) / 8.x (32-/64-bit)
- Windows® Server 2016 (32-/64-bit) / 2012 R2 / 2012 (32-/64-bit)
- An available Serial ATA connector (required for M.2 SATA SSD support)

Package Contents

- *USB 3.0 Type-C & Type-A 3-Port PCIe Card with M.2 SATA SSD Adapter*
- SATA data cable
- Screw and Nut kit
- Installation guide

Layout

SATA power connector

SATA data connector
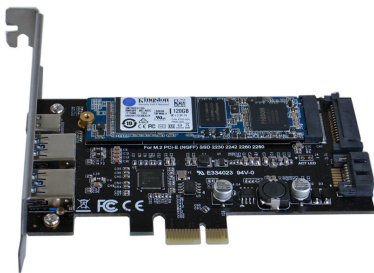
PCI-e (1x)

USB Type-C

USB Type-A (x2)

Hardware Installation (part 1)

Note: This adapter is compatible with B key M.2 SATA SSDs only.

1. Insert a M.2 SATA SSD (B key) into the slot at the appropriate angle and push it down gently.

2.   Secure the SSD with the included screw and nut.

Hardware Installation (part 2)

Static Electricity Discharge may permanently damage your system. Discharge any static electricity build up in your body by touching your computer case for a few seconds. Avoid any contact with internal parts and handle cards only by their external edges.

1.   Turn OFF the power to your computer and any other connected peripheral devices.
2.   Unplug the power cord from the computer.
3.   Remove your computer cover.
4.   Remove the slot bracket from an available PCIe slot.
5.   Carefully align the card's bus connector with the selected PCI Express slot on the motherboard. Push the card down firmly, but gently, until it is well seated.

6. Replace the slot bracket holding screw to secure the card.

7. *Optional (skip this step when no M.2 SATA SSD is installed):* Connect the *Adapter's* SATA connector to the motherboard's SATA connector using the included SATA data cable.

8. *Optional (recommended):* Connect the system power supply to the *Adapter's* **SATA power connector** when your USB devices are not detected.

9. Replace the computer cover and reconnect the power cord.

Windows Driver Installation

Windows 10 and 8.x have built-in driver support for this adapter. Just install the adapter and Windows will automatically detect and install the correct drivers for it. No additional driver is needed.

To Verify Installation

1. Right click **This PC** or **Computer** on the desktop, click **Manage**, then click **Device Manager**.

2. Double click **Universal Serial Bus controllers**, and below should be displayed.

⊿ ⬛ Universal Serial Bus controllers
  ⬛ Generic USB Hub
  ⬛ Generic USB Hub
  ⬛ Intel(R) 7 Series/C216 Chipset Family USB Enhanced Host Controller - 1E2D
  ⬛ Intel(R) 7 Series/C216 Chipset Family USB Enhanced Host Controller - 1E26
  ⬛ Intel(R) USB 3.0 eXtensible Host Controller - 0100 (Microsoft)
  ⬛ Renesas USB 3.0 eXtensible Host Controller - 0100 (Microsoft)

For more details, please go to the Support section at www.siig.com.