

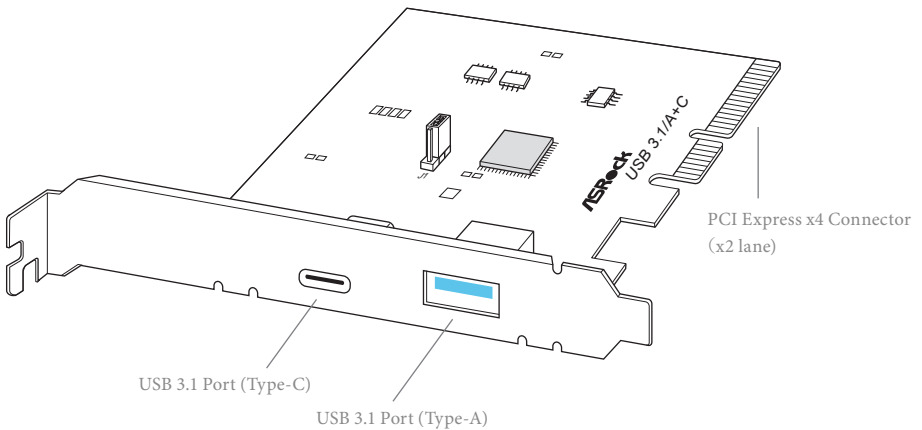


P/N: 15G06X847000AK V1.0

ASRock USB 3.1/A+C Installation Guide

Specifications

Platform	<ul style="list-style-type: none">• Size: 3.1-in x 3.2-in, 7.9 cm x 8.1 cm
Controller	<ul style="list-style-type: none">• ASMedia ASM1142 Controller
PCIE	<ul style="list-style-type: none">• PCI Express x4 Connector (x2 lane)• Compliant with PCI Express 1.1, 2.0 and 3.0 specifications• Supports data rates up to 10 Gbps• Compliant with x4, x8 or x16 PCI Express Slots
Connector	<ul style="list-style-type: none">• 1 x USB 3.1 Type-A Port (Supports ESD Protection (ASRock Full Spike Protection)) <p>* For charging Type-A USB devices, we suggest using the Type-A connectors on your motherboard.</p> <ul style="list-style-type: none">• 1 x USB 3.1 Type-C Port (Supports ESD Protection (ASRock Full Spike Protection)) <p>* This port supports power outputs up to 5V/3A. For charging Type-C USB devices, the device should support Type-C standards to adjust the current because it will be different in Power On state (3 Amp) and Sleep state (1 Amp).</p> <p>* Some Type-C USB devices may only be charged by its own adapter.</p>
OS	<ul style="list-style-type: none">• Microsoft® Windows® 8.1 32-bit / 8.1 64-bit / 8 32-bit / 8 64-bit / 7 32-bit / 7 64-bit



Installation Procedure

The ASRock USB 3.1/A+C provides two external USB 3.1 ports which support transfer rates up to 10 Gbps. Follow the simple steps below to install the ASRock USB 3.1/A+C.

Step 1

Power off the PC and unplug the power cord. Detach all other cables from the PC.

Step 2

Remove the side panel from the computer case.

*Refer to the documentation that comes with your PC for details.

Step 3

Locate an available x4, x8 or x16 PCI Express slot on your motherboard and remove its slot bracket. To maximize the performance of ASRock USB 3.1/A+C, it is highly recommended to insert the card into the PCI Express slots which are provided directly from the CPU.

*Please refer to the PCIe Chapter of the User's Manual.

Step 4

Align the ASRock USB 3.1/A+C with the PCI Express slot and press down firmly until it is fully seated in the slot. Then secure the card with the slot bracket's holding screw.

Step 5

Replace the side panel. Reconnect the power cord and any other cables that were disconnected.

***Jumper Setup:**

Jumper J1 is set to Pin2-3 by default and only allows device charging during S0 (Power On). To enable device charging during S3 (Sleep), S4 (Suspend) or S5 (Power Off) power states, you need to move the jumper cap placed on Pin2-3 (default) to Pin1-2.

Note: Device charging during S3/S4/S5 also requires the motherboard's PCIe slot to provide 1 ampere current of +3VSB power for each port.

*Please install driver for Windows® 7 (32-bit and 64-bit).