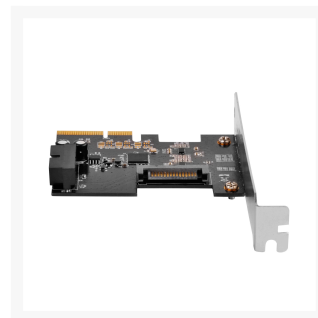
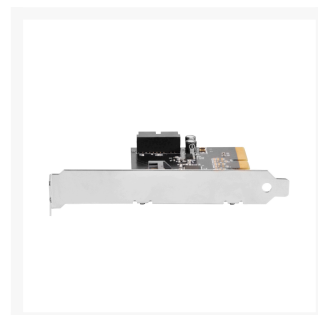


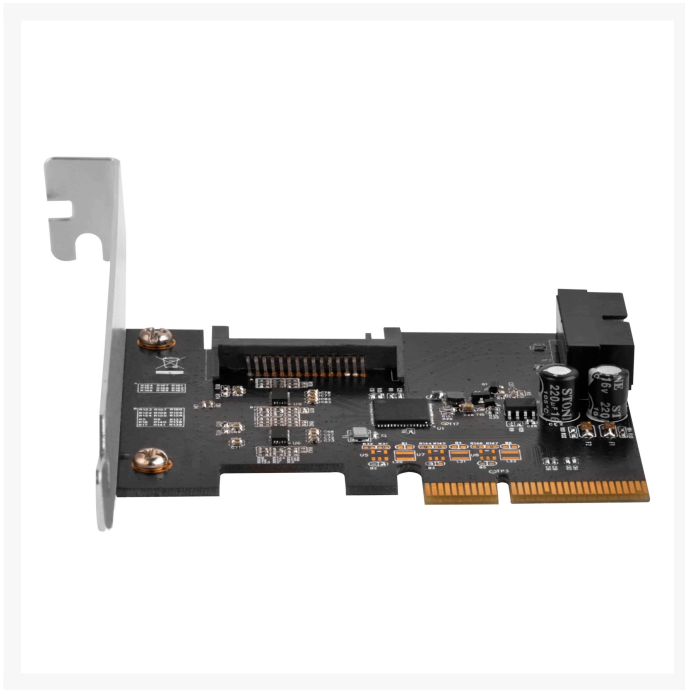


# SilverStone ECU04-E PCI-E Gen 2.0 x2 Expansion Card

\$49.99

## Product Images





## Short Description

The SilverStone ECU04-E is a PCI-E Gen 2.0 x2 expansion card with one internal 19pin USB 3.1 connector (supporting two ports). It adds two redriver chips over the original ECU04 design for vastly improved performance over longer cable connections.

## Description

The SilverStone ECU04-E is a PCI-E Gen 2.0 x2 expansion card with one internal 19pin USB 3.1 connector

(supporting two ports). It adds two redriver chips over the original ECU04 design for vastly improved performance over longer cable connections. This ensures dual 10Gbps bandwidth transfer rate can be maintained for up to 2 meters\* compared with just 1 meter per USB 3.1's specified limitation. The ECU04-E is also backwards compatible with USB 3.0/2.0/1.1 and supports UASP (USB Attached SCSI Protocol) for enhanced performance. For operating systems with XHCI (eXtensible Host Controller Interface), the ECU04-E will easily install without the need for any drivers because it also supports XHCI. For those looking to upgrade or add additional USB 3.1 ports or devices to their computer, the ECU04-E is a great starting point.

## Features

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- Includes ReDriver ASIC chips for overcoming 1 meter cable length limitation\*
- Includes USB 3.1 internal 19pin connector
- PCI-E Gen 2.0 x2, throughput up to 10Gbps
- Compliant with eXtensible Host Controller Interface (XHCI) specification Revision 1.1
- Compliant with USB Attached SCSI Protocol (UASP) Revision 1.0
- Includes optional low profile slot cover for supporting low profile cases

## Specifications

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Model No.	SST-ECU04-E
Power requirement	5V via SATA 15pin power connector
Form factor	Low profile - PCI-E 2.0 x2 (10Gbps)
USB Ports	Internal 19pin connector for dual USB 3.1 ports
USB 3.1 controller	ASMedia ASM1142
ReDriver ASIC	Pericom PI3EQX1002B
Transmitting Speed	USB 3.1 (10Gbps), USB 3.0 (5Gbps), USB 2.0 (480Mbps), USB 1.1 (12Mbps)
Power Management	Support USB 3.1 and USB 2.0 link power management
Current protection	Support over current detection and protection
Operating system support	Windows 7 (32bit/64bit)**, 8/8.1/10 (32bit/64bit)***, Ubuntu/Linux/Mac OS****
Extra	UASP function

Remark

\* Total cable length includes case internal cabling plus external cabling. Sub-par cable thickness/quality and external port design/quality may also reduce supported length required for maximum performance.

\*\* If your OS version is Windows 7 or earlier, please install driver (available from SilverStone website) prior to using the ECU04-E.

\*\*\* Windows 8, 8.1, or 10 supports ECU04-E automatically so you do not need to install additional driver for it.

\*\*\*\* User should check for XHCI function in Ubuntu/Linux or Mac OS, if computer system supports XHCI function then it can support ECU04-E automatically without additional driver installation.

\*\*\*\*\* If your operating system is incompatible with the expansion cards developed by SilverStone, such that your device can not be detected or recognized, please update your motherboard's driver or BIOS to the latest version. You may also try executing compatible mode in your operating system and select previous versions of operation system to install driver required by the expansion cards.

Additional Information

Brand	SilverStone Technology
SKU	ECU04-E
Weight	0.5000
Color	Silver
Card Form Factor	Low profile - PCI-E 2.0 x2 (10Gbps)
Ports	Internal 19pin connector for dual USB 3.1 ports
Controller	ASMedia ASM1142
Driver Support/OS Compatibility	Pericom PI3EQX1002B
Vendor SKU/EAN	844761013912

