



SILVERSTONE[®]
Designing Inspiration

USB 3.1 TYPE-C + USB 3.0 TYPE-A

PCI EXPRESS CARD WITH INTERNAL 19PIN USB 3.0

Special Features

- ▶ Includes SuperSpeed USB 3.1 external USB Type-C connector
- ▶ Includes USB 3.0 internal 19pin connector and two external USB Type-A connectors
- ▶ Dedicated fast charging port, compliant with USB Battery Charging (BC) 1.2
- ▶ Support PCI-E 2.0 x2 with 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



USB 3.1 Type-C + USB 3.0 Type-A



Internal 19pin connector x 1,
for up to two USB 3.0 ports

Specifications

Model No.	SST-ECU05	Transmitting speed	USB 3.1 Gen 2.0 (10Gbps), USB 3.1 Gen 1.0 / USB 3.0 (5Gbps), USB 2.0 (480Mbps), USB 1.1 (12Mbps)
Power requirement	5V via SATA 15-pin power connector	Operating system support	Windows 7 (32bit/64bit)*, 8/8.1/10 (32bit/64bit)**, Ubuntu/Linux/Mac OS***
Form factor	Low profile - PCI-E 2.0 x2 (10Gbps)	Power Management	Support USB 3.1 / USB 3.0 and USB 2.0 link power management
USB 3.1 controller	ASMedia ASM1142	Current protection	Support over current detection and protection
USB 3.0 hub controller	VIA Lab VL812		
USB ports	USB 3.1 Type-C x 1, DFP with Rp=10KΩ and up to 5V 3A USB 3.0 Type-A x 1 USB 3.0 Type-A with charging downstream port x 1, up to 5V 1.5A Internal 19pin connector x 1, for up to two USB 3.0 ports		

* If your OS version is Windows 7 or earlier, please install driver (available from SilverStone website) prior to using the ECU05.

** Windows 8 or 8.1, 10 supports ECU05 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 ECU05 automatically without additional driver installation.

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