



## MiniPCI-e 1-Port USB 3.1 Type C

### Model No.: EMPEU31

EMPEU31 a 1-port Super-Speed USB3.1MINIPCI-eAdd-on card, and it's compliant with the MiniPCI Express Generation 2 specification for host PC system. It works up to 10 Gbps for data transfer when connecting to USB 3.1 compliant peripherals, while maintaining compatibility with existing USB peripheral devices. USB3.1 performance is 2 times faster than USB3.0 and 20 times fasterthan USB2.0 connectivity.

### Features:

- MiniPCI Express Base Specification Revision 2.0 .
- Compliant with xHCI (eXtensible Host Controller Interface) specifications Revision 1.1.
- Supports simultaneous operation of multiple USB 3.1, 3.0, USB 2.0 and USB 1.1 devices.
- Supports USB data transfer rate of 10G/5G/480/12/1.5 Mbps.
- Expands one external USB3.1 Super-Speed plus Type-C ports on the system.
- USB port supplies maximum +5VDC / 900mA power output to USB device.
- Built-in over current protection on each USB port.
- Driver supports for Microsoft Windows 7, 8.x and 10 operation systems.
- Certified by Electromagnetic Compatibility (CE, FCC,) and RoHS approval.

### Specifications

|                            |  |
|----------------------------|--|
| USB CommunicationInterface | Universal Serial Bus 3.1 / 3.0 / 2.0 / 1.1   |
| Speed                      | Super Speed+ (10Gpbs), Super Speed (5Gpbs), High Speed (480Mbps), Full Speed (12Mbps), Low Speed (1.5Mbps) |
| No. of Port                | 1-port   |
| PCB Connector              | USB3.1 USB Type-Cport  |
| Protection                 | ±15KV IEC61000-4-2 Air Gap Discharge±8KV IEC61000-4-2 Contact Discharge                                    |

