

# USB 3.0 5Gbps Host Adapter (NEC chipset)

## 1. Introduction

USB 3.0 SuperSpeed 5Gbps Host Adapter to support all kind of 1.5Mbps, 12Mbps, 480Mbps and 5Gbps USB Devices!

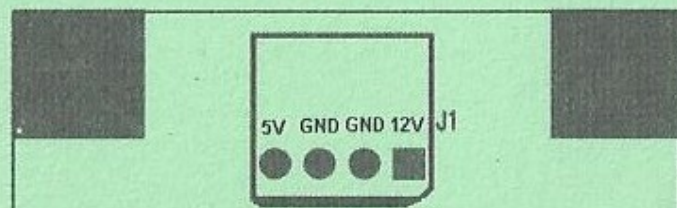
### 1.1. Features

- Compliant with Universal Serial Bus 3.0 Specification Revision 1.0
- Compliant with Intel xHCI Specification 0.95
- All USB ports can handle SuperSpeed (5 Gbps), HighSpeed (480 Mbps), FullSpeed (12 Mbps), and LowSpeed (1.5 Mbps) transaction
- Supports any USB3.0, USB2.0 and USB1.1 devices
- Compliant with PCI Express Specification 2.0 or PCI Specification 3.0
- 64bit and 32bit Windows 7, Vista, XP drivers support
- Chipset : NEC

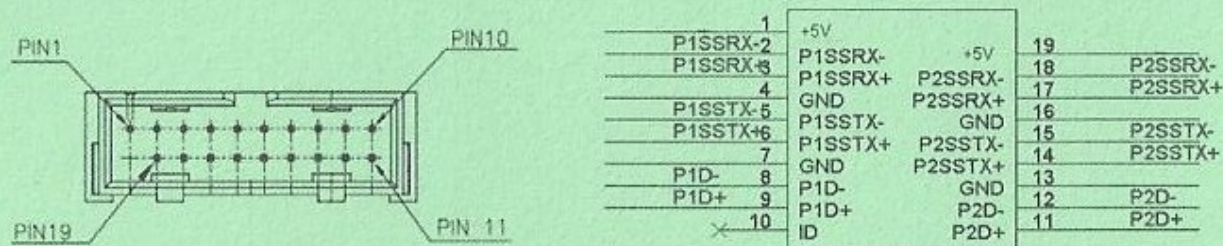
### 1.2. DC Power Jack Spec (Optional in ExpressCard)

- Power Input : 5V / 2A
- Polarity: Center --- Positive Power (V+), Outer --- Power Return (V-)
- Power Plug: 3.5mm \* 1.3mm \* 9mm

### 1.3. 4 Pin Wafer Power Connector (optional in mini PCIe)



### 1.4. 20Pin USB3 Internal Connector (optional in internal PCBA)



### 1.5. PCI bus frequency selection (optional J1 in PCI PCBA)

1-2 (33/66MHz) : Request PCI 66 MHz bus operation

2-3 (33MHz) : PCI bus 33 MHz operation

## 2. Windows 7/Vista/XP Driver Installation

1. Insert various USB 3.0 host adapter into an available PCIe or PCI or mini PCIe or ExpressCard slot.
2. If PCIe card, better to connect power cable from PC Power supply to PCIe card power connector, or you may see message "Power Surge on Hub Port" and no sufficient 5V bus power in USB ports.
3. Windows will display the 'Found New Hardware Wizard'.
4. Skip the driver installation.
5. Run installer setup.exe on Driver CD E:\ USB3.0 Host\NEC to have the latest driver for 32bit /64bit Windows.