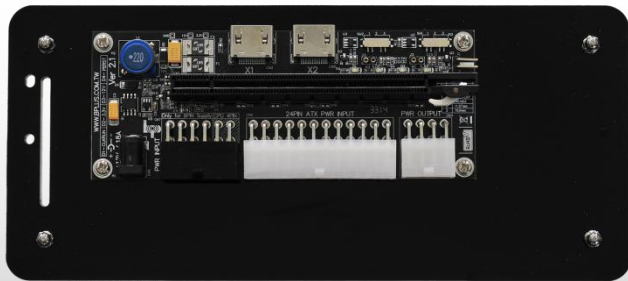


PE4C V2.1

PCIe x16 Adapter

Product > eGPU > PE4C V2.1



PE4C V2.1



PE4C V2.1 module

PE4C V2.1
Use case



First Impression

The PE4C V2.1 is designed for Notebook PCs that converts PCI Express 16X Add-on Card to ExCard or mPCIe or PCIe connector.

This adapter allows you to use your existing PCI-E 16X Card in the notebook PC for gaming.

Function

- ◆ VGA card connection to computer or notebook PC
- ◆ Support dual channel signal transfer.
- ◆ Support two delay switch to avoid registration problems when boot.
- ◆ Special foot cone, avoid graphics card fan noise.
- ◆ Support **ATX power** boot together function.
- ◆ DC Jack: External 12V Power Input.
- ◆ Support Suspend Clock
- ◆ Support two sets external pin to setup delay time.
- ◆ Support PCIe x2 by connect two cables.
(PM100C/EC100C/HP100C/HP2A100C/PM4N)
- ◆ Option Products :
 - (Option) EC100C – Express card adapter, 100cm fixed cable
 - (Option) PM100C – Half/Full mPCI-e adapter, 100cm fixed cable.
 - (Option) HP100C – PCI-e adapter, 100cm fixed cable
 - (Option) PM4N – Full mPCI-e adapter with 95cm HDMI cable
 - (Option) HP2A –PCI-e X2 adapter (No HDMI cable)
 - (Option) HP2A100C –PCI-e X2 adapter, Dual 100cm fixed cable

Specification

- ◆ **PE4C-PM100C V2.1** allows user to test PCI Express x16 Add-in-Card on the **PCI Express mini card (mPCIe) slot via 100cm cable.**
- ◆ **PE4C-EC100C V2.1** allows user to test PCI Express x16 Add-in-Card on the **ExpressCard slot via 100cm cable.**
- ◆ **PE4C-HP100C V2.1** allows user to test PCI Express x16 Add-in-Card on the **PCI-e slot via 100cm cable.**
- ◆ **Compliant with PCI Express 2.0 Specification:** Maximum 5Gbps
- ◆ Power Supply: ATX PSU, DC adapter, 8PIN connector (for D220P AC adapter), **Three select one.**

System Requirements

- Notebook PC or Desktop PC with an available **ExpressCard slot** or **PCI-s slot** or **PCI Express mini card slot**
- Windows 8 (32-/64-bit) / 7 (32-/64-bit) / Vista (32-/64-bit) SP2 or later/ XP (32-/64-bit) SP3 or later

Notice:

1. PE4C V2.1 is PCIe 1-Lane 5.0Gbps bandwidth limit passive adapter in compliance with Expresscard 2.0 specification.
2. Basically, PCIe add-on card designed for desktop. We can't guarantee it compatibility with your laptop. Depends on OS version, notebook's BIOS, device driver,
3. Almost PCIe 16x video card can't get enough memory resource are allocated. Can't work in your laptop.
4. External Power ATX Power required.
5. All of interoperability is not guaranteed.



Notice:

PE4C V2.1 design with Dell D220P AC adapter for power off control. Our D220P AC adapter is refurbished, but function is no problem. Because D220P already EOL by Dell.

Dimension & Weight

22cm x 9.5cm x 4cm 200g

Certification

RoHS

Operating Temperature

0 ~ 70°C

PE4C V2.1 Package Contents



Option Package Contents

EC100C 100cm x1
Express card to HDMI
Support PCI-E Gen 2



PM100C V1.0 100cm x1
mPCI-e to HDMI
Support PCI-E Gen 2



HP100C 100cm x1
PCI-e to HDMI
Support PCI-E Gen 2



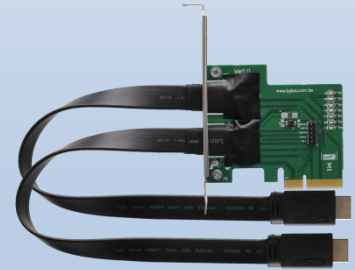
PM4N x1
mPCI-e to HDMI
Support PCI-E Gen 1



HP2A x1
PCI-e to HDMI
Support PCI-E Gen 1



HP2A100C 100cm x1
PCI-e to HDMI
Support PCI-E Gen 2



Installing PE4C v2.1



Step1.

By order of the figure, install pillars.



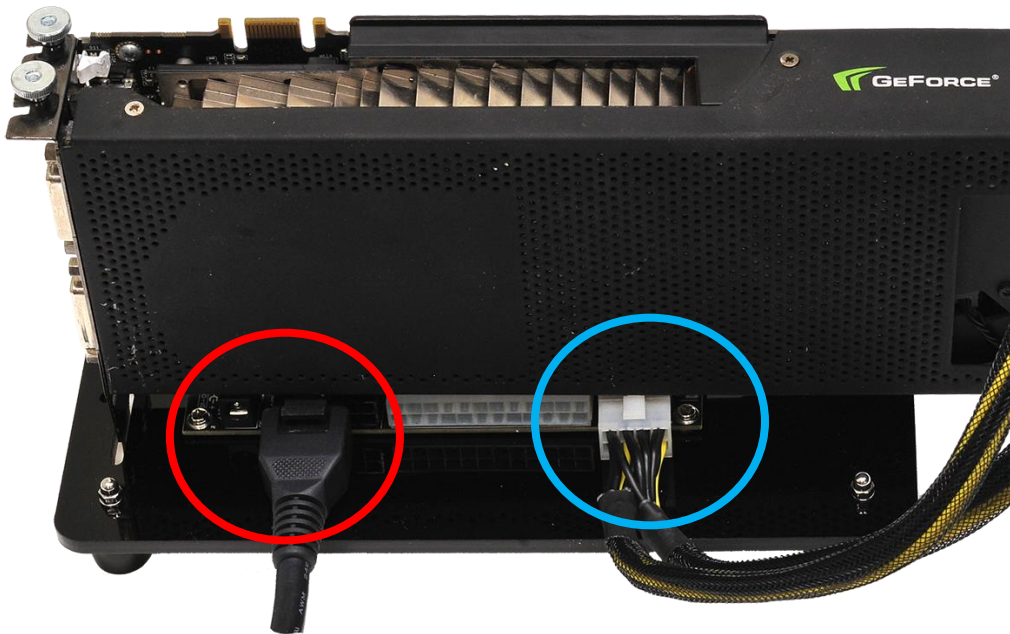
Step2.

Insert the VGA card,
Be sure to align the PCI slot.



Step3.

To locking nut by clockwise



Step4.

Insert the power cable,
It is necessary to connect
the ATX power cable,
But 8pin power is depend
on your VGA card.

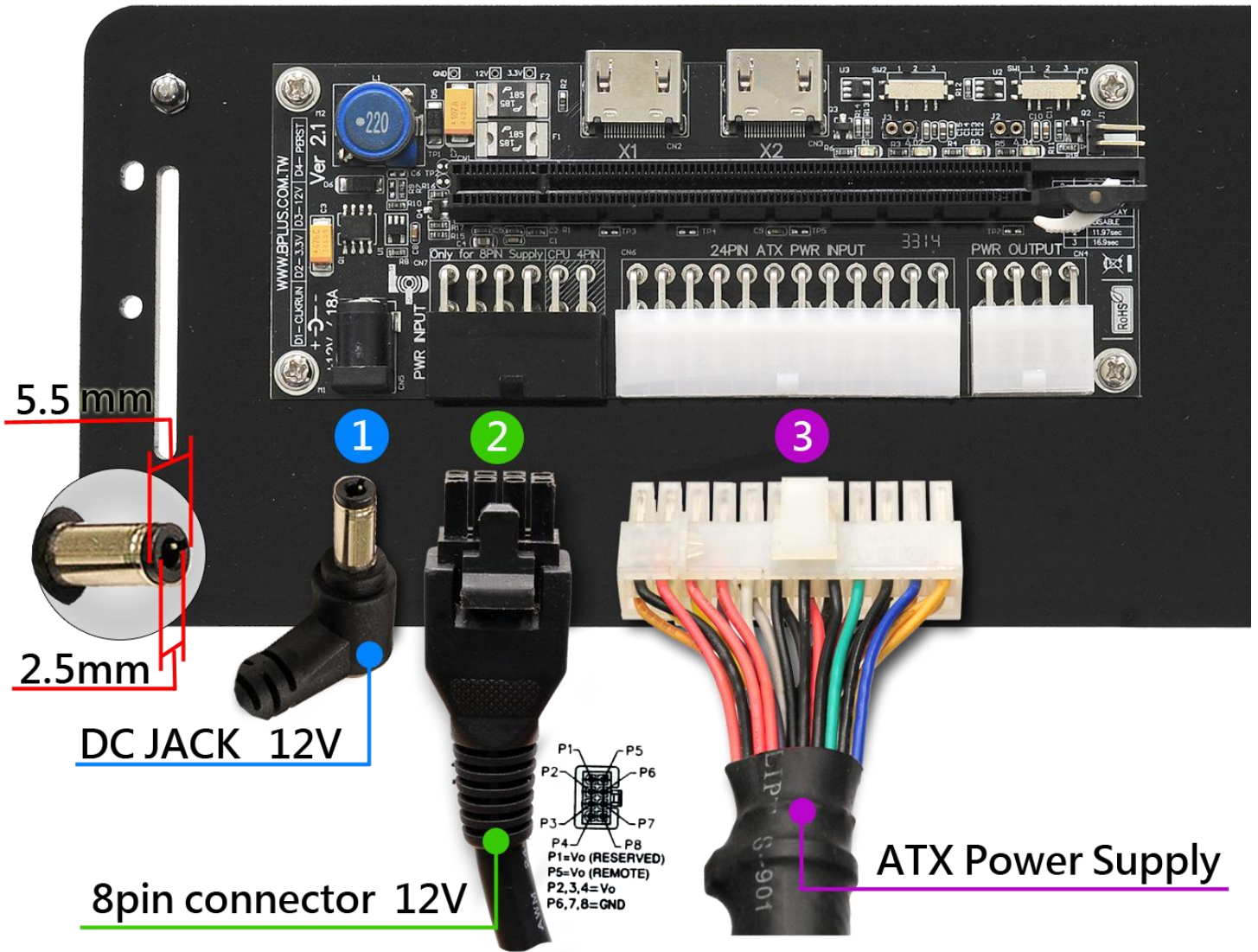
NOTE:

In this step,
When you connect the ATX
power cable, please make
sure the PSU off.



Step5.

Connect the power cable to
your VGA card,
If your VGA card don't need external
power connection, you can skip this
step.



1. **DC JACK , 12V** ◦
2. **8pin connector , 12V** ◦
3. **ATX Power Supply** ◦

***Output current of Power supply base on Graphics card power requirement.**



Step6.

Connect PE4C's HDMI port to your computer.

And enjoy the wonderful visual effects

