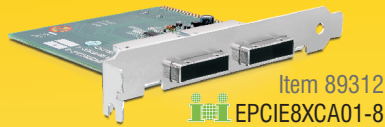


External PCI Express – External interface extension for industry PC-Systems

Adapter Card PCIe x8



Cable PCIe x4



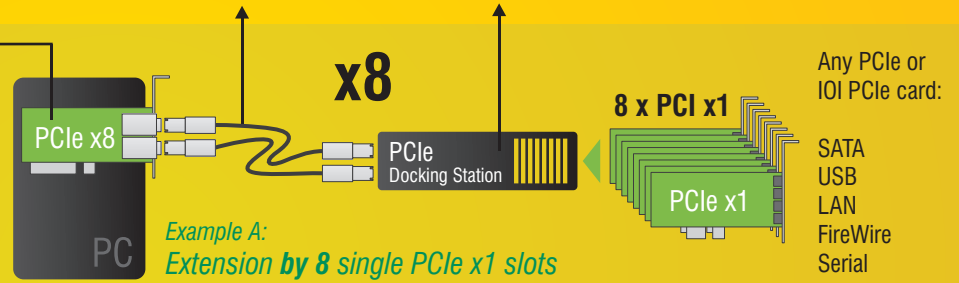
Docking Station 8 slots 3U Kit



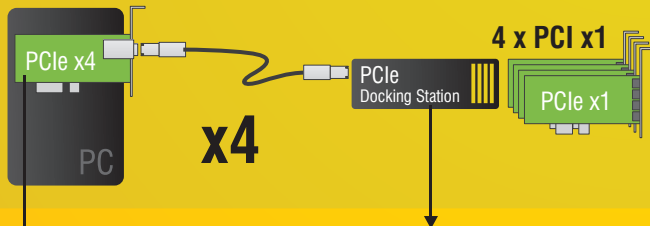
External PCI Express comprised a whole system of IOI docking stations and PCIe cards, which enable to extend a PCIe x8 slot by up to eight PCIe x1 slots...

OR

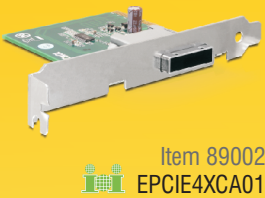
in the smaller version to extend a PCIe x4 slot by up to four PCIe x1 slots.



Example B:
Extension by 4 single PCIe x1 slots



Adapter Card PCIe x4



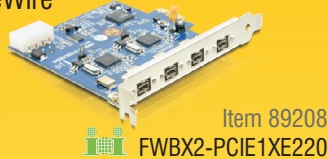
Docking Station 4 2U Kit



Docking Station 4 3U Kit



PCIe x1 Card Dual Channel FireWire



PCIe x1 Card Quad Channel USB 3.0



Advantages of External PCI Express

Optimal extension options

The number of internal slots inside the computer is limited. This is why it is necessary to provide additional slots, if required. With the external PCI Express docking stations you may have up to eight slots, depending on the model.

Compatibility

The docking stations with PCIe 2.0 are compatible to former versions PCIe 1.0 and 1.1

Simultaneous control and constant high data transfer rate

Make use of IOI Dual- or Quad Channel controller cards for the installation into the docking station. This option offers an enormous advantage compared to standard PCIe cards. Connected devices, e.g. cameras may be used simultaneously or separately with constant high data transfer rate. The connection from main computer and docking station will be carried out through special IOI external PCIe cables, available from one to five meters. Thus you have the flexibility to place the docking stations according to your requirements.

Example C:
Connecting examples

Industry camera
Lighting effect equipment
Temperature sensor

External PCIe is anywhere suitable where a lot of end devices are being applied, which are controlled synchronously. Please note that the data transfer rate depends on the number of end devices. Optimal transfer rates support high quality Dual Channel or Quad Channel PCIe cards.

