

Ndigo Crate-5 / PCIe over cable



With the Ndigo Crate it is possible to use up to 5 PCIe boards and 2 PCI boards with a PC. The connection of the external chassis to the PC happens over PCIe2 x16 for a full duplex bandwidth of 2x 8GByte/s.

The enclosure was specifically designed to operate multiple synchronized cronologic digitizer boards to create a high speed data acquisition system. It can also be used to house other DAQ cards, GPUs for high performance computing, storage adapters or networking equipment.

The extension is fully transparent. The operating system can't distinguish between boards in the PCIe expansion box and boards inside the PC itself. No drivers are required.

The slot covers are on the front side of the enclosure to easily see status information and plug in cables during operation.

The crate is delivered as a set with cable and PC link board

Facts

Connection to Host	PCIe2 x16
Bandwidth to Host	8 GByte/s
PCIe2 x16 Slots with 8 Lanes	2
PCIe2 x16 Slots with 4 Lanes	3
PCI Slots 5V, 32 Bit, 33Mhz	2