

# DeTwo - Digital KVM Extender

## Quick Start Guide

Version 1 11-04-07

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The installation and configuration of this equipment is a relatively simple process provided you take care to follow the instructions given in this document and the full user guide. In addition, please take time to read the section entitled 'Extended PCI Bus performance' in the user guide.

The connection diagrams in the document show the DDL2000 desktop unit but the instructions apply equally to all versions. The main differences are the availability and number of PCI slots in the desktop unit and the medium used to connect to the back-racked computer: copper or fibre.

model shown - DDL2000



### 1 Preparing your computer

- a. If your computer has on-board video or audio, perform a restart and change the BIOS settings to PCI or Autodetect. Consult your computer documentation for specific instructions.
- b. Save your changes and power down the computer.
- c. Disconnect the keyboard, monitor, mouse and any other USB devices or audio components that will be active at the user desktop.
- d. Remove the computer cover to enable access to the interface cards inside.
- e. Remove the current video and audio cards, if applicable, from the computer.

### 2 Configuring the PCI Add-In card

The DDP2000 / 2100 PCI card is fitted with a number of configuration DIP switches which control which services (USB, Audio etc.) are available at the desktop. By default all services are enabled. The full user guide provides more details.

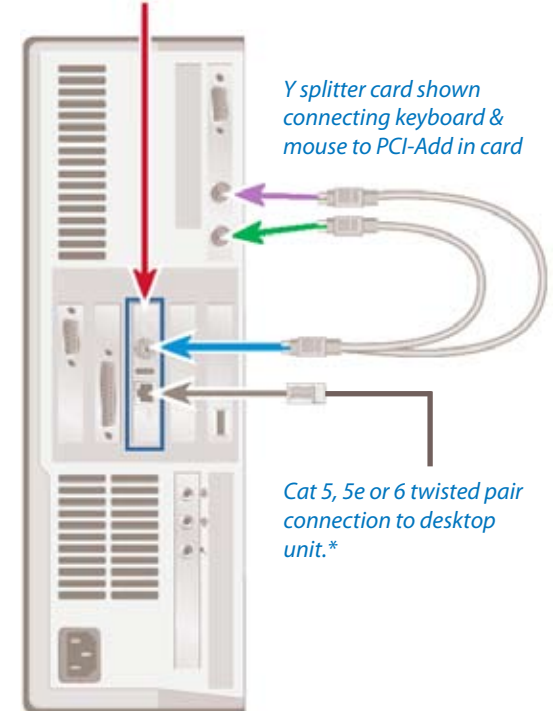
### 3 Installing the PCI Add-In Card

Install and secure the PCI Add In Card into an available PCI slot. Close and secure the cover of the computer. If you are using a PS/2 keyboard and mouse connect the PS/2 keyboard/mouse "Y" cable between the PCI Add-In Card and the appropriate PS/2 ports on your computer. This cable is not required if a USB keyboard and mouse are being used.

### 4 Deploying the system

Relocate the computer to the centralized computer facility. Connect the computer's power cable. Connect the newly installed DDP 2000 PCI Add-In Card to the Desktop Appliance using CAT 5/5e/6 cable (fiber-optic cable for the DDP2100 version) as required. NOTE: A patch cable can be used to locally connect the appliance to the PC.

Installed DDP2000 PCI Add-In card



**WARNINGS: Always connect the Desktop unit to the power supply unit BEFORE mains power is switched on. The DeTwo system works by extending the PCI bus from the computer PCI Add-in card out to the desktop unit via a twisted pair cable link. Disconnecting the link cable whilst the system is in use could result in corruption of the host PCI bus and subsequent loss of data.**

\*DDP 2100 version using fibre optic cable is also available

### 5 Connecting the peripheral devices

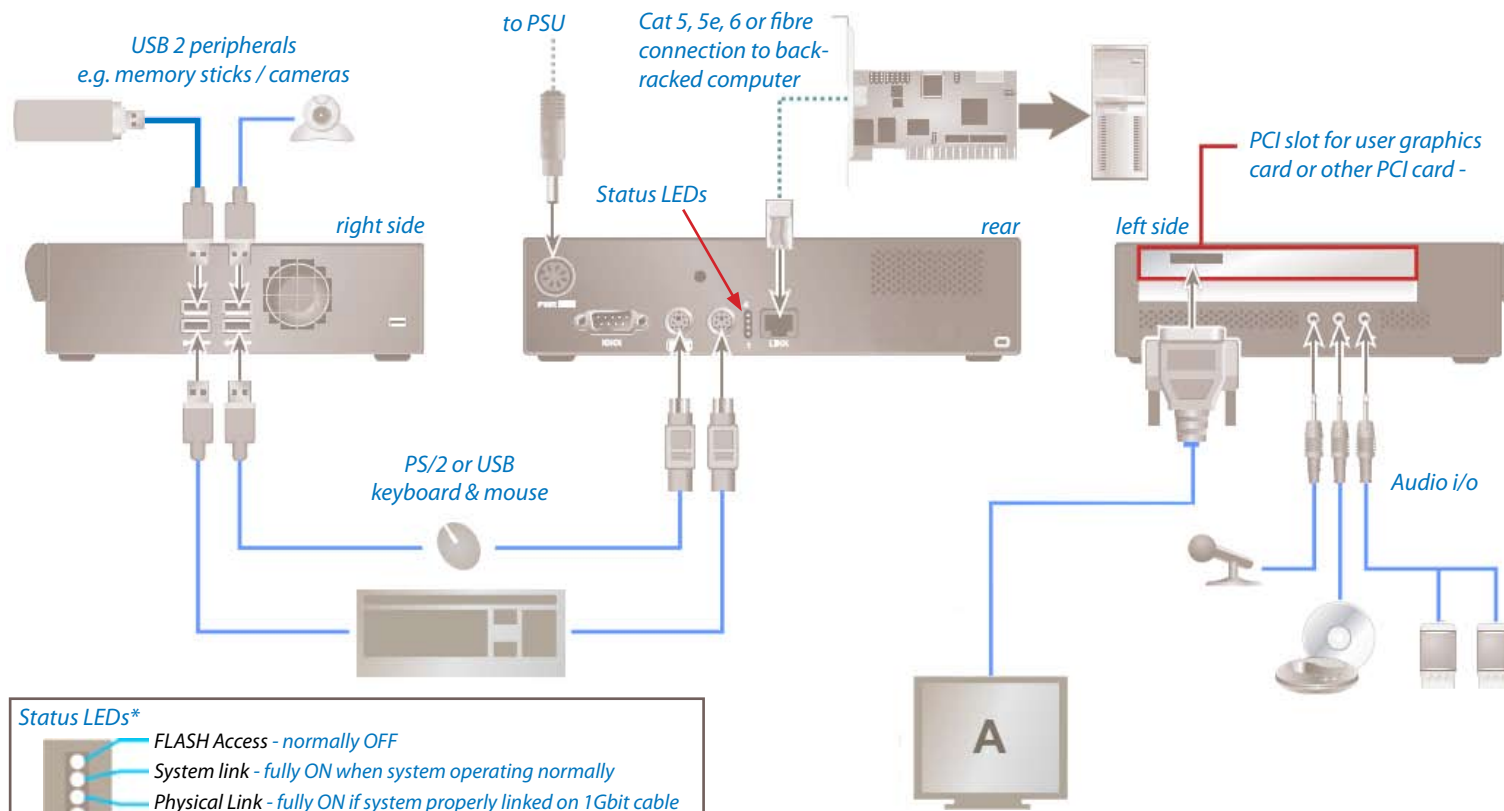
Connect the keyboard, mouse, monitor and any other USB or audio components to the appropriate connectors on the Desktop unit as shown below. If the desktop unit has provision for one or more PCI cards install them now.

### 6 Connecting power to the desktop unit

Connect the external power supply to the desktop unit. Locate the power cord that came with the desktop unit and plug one end into the IEC power connector on the external power supply. **Do not switch on mains supply until the Desktop unit is connected to the external supply.**

### 7 Installing the drivers

Once the computer boots, follow the operating system prompts for the installation of new hardware and system drivers. If you have provided your own video card, refer to the card manufacturer's driver installation instructions.



**Status LEDs\***

- FLASH Access - normally OFF
- System link - fully ON when system operating normally
- Physical Link - fully ON if system properly linked on 1Gbit cable
- Power - fully ON if power at both ends of link is on

\*Note: these LED's can light in other combinations. Refer to the full manual for full details.



DDP2000 PCI Add-In card

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