



## **RTI-550 PCI Board**

**An economical PCI-bus based flat panel controller card specifically designed for the OEM market.**

### **Features include:**

- Simplified cabling to panel and inverter for ease of integration
- Supports 5V or 3.3V Panels
- One jumper selects Active or Passive panel type
- Multiple BIOS personality– use jumper to change panels instead of swapping EPROMs
- Industry standard Chips and Technologies '550 based
- Software controllable brightness and contrast
- Panel can be up to 2 feet away using high performance cable

The RTI-550-PCI board provides a low-cost solution for driving LCD flat panel displays with a PC compatible computer. Supported panels include 6.4" VGA through 12" SVGA panels, either passive or active matrix. Low-cost, flexible cables are used to connect to both the LCD and the associated backlight inverter. Reach can provide complete kits including the board, panel cable, inverter and inverter cable.

### **Specifications**

- Hirose DF9-41 connector for panel interface (one connector for passive, one for active)
- Standard 32 bit PCI Bus, Plug n' Play
- 2 MB graphics memory
- VGA output connector for simultaneous display

### **Board Specifications**

|                              |   |
|------------------------------|---|
| <b>Board Size</b>            | 6.875"W x 4.25"H / 17.46mmW x 10.79mm   |
| <b>Operating Temperature</b> | 0° to 50°C  |
| <b>Connector</b>             | 32-bit PCI bus  |
| <b>Memory</b>                | 2 MB  |
| <b>Power input</b>           | 12VDC, supply current panel dependent; typically 1A for common SVGA panel including backlight |
| <b>Storage Temperature</b>   | 0° to 50°C  |
| <b>Panel Connectors</b>      | Hirose DF9-41; 15-pin VGA output connector  |
| <b>Power Management</b>      | Windows DPMS compatible   |