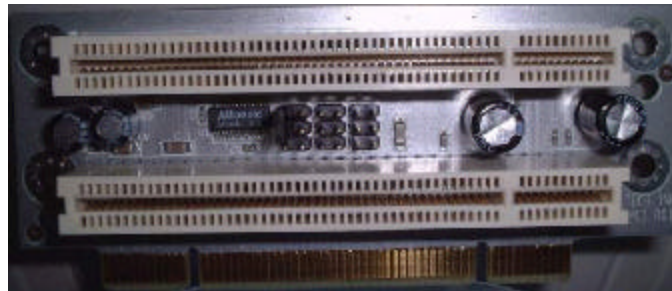# EXT-PCI User's Guide

EXT-PCI (Fig 1) is a PCI riser card which expands a PCI slot into two PCI slots. It is targeted for systems that may require two PCI slots but uses a mainboard that only has one PCI slot on board (namely VIA's EPIA mini-ITX mainboard). EXT-PCI also changes the insert direction of the slot by 90 degrees (Fig 2).

Technical Details

1. EXT-PCI Slot 1 (lower slot) uses the system resources (Device ID, INT..) of the PCI slot on the mainboard
2. EXT-PCI Slot 2 (upper slot) by default uses Device 19 and INT_A., and needs to be supported accordingly by the BIOS. VIA's EPIA mini-ITX BIOS rev. 1.10 and later supports this.

Figure 1

Installation

1. The riser card should be installed so that the PCI slots on board faces away from the motherboard, as shown in Fig. 2.

Figure 2