



70586

**PCI 32 bit P&P
2S (16C650 32FIFO)
1P (ECP/EPP 32FIFO)**

Installation Guide

◆ Description

The 70586 32Bit PCI bus Plug & Play 2S/1P I/O card is equipped with two High-Speed RS-232.V24 Standard Serial Interfaces and one ECP/EPP/SPP/BPP IEEE 1284 CENTRONICS Parallel Interface. The serial ports include 32 Byte FIFO with a speed up to 921Kb/Sec. 70586 has two 9 pin male connectors for attaching peripherals' units with Serial RS-232 Standard Interface and one 25 pin female connector for peripherals' units with IEEE 1284 CENTRONICS Parallel Interface.

◆ Hardware Specification

Serial Port:

UART Chipset: SUN1889, Hardware FIFO is 32Byte FIFO
Compatible chips: with 16C650, 16C550, and 16C450.
IEEE standard: RS-232 Interface
Driver Chipset: TI-75232, speed up to 100Kb/Sec, length 300-500M.
Max. Speed: Up to 921Kb/Sec (HYPER Terminal program)

Parallel Port:

Parallel Chipset: SUN1689, Hardware FIFO is 32Byte FIFO
Compatible chips: with ACC3203, ST-78C36, and HT6535.
IEEE standard: ECP/EPP/SPP/BPP (PS-II) Interface
Max. Speed: Up to 2MB/Sec

◆ Hardware Installation

- Turn off the power of your computer
- (Plug the 70586 Serial adapter into the PCI bus of your computer
- (Connect the peripheral (Printer, Modem, Scanner... etc.) to this adapter
- (Turn on the power of your computer

PCI device listing display (for example...)

Bus No	Device No	Func No	Vendor ID	Device ID	Device Class	IRQ
0	7	1	8086	7010	IDE Controller	14
0	13	0	1409	7168	Simple COMM. Controller	10

When Vendor ID, Device ID, Device Class or IRQ aren't displayed or an error occurs, please change the PCI slot.

After correct hardware installation you can start installing the software from the driver CD.

◆ *Pin Assignments*

Parallel 25 Pin female connector pin assignments:

Parallel 25 Pin female connector :					
Pin	Signal	Pin	Signal	Pin	Signal
1	STROBE	10	ACKNOWLEDGE	19	GROUND
2	DATA 0	11	BUSY	20	GROUND
3	DATA 1	12	PAPER EMPTY	21	GROUND
4	DATA 2	13	SELECT	22	GROUND
5	DATA 3	14	AUTO FEED	23	GROUND
6	DATA 4	15	ERROR	24	GROUND
7	DATA 5	16	INIT	25	GROUND
8	DATA 6	17	SELECT INPUT	26	GROUND
9	DATA 7	18	GROUND		

Serial 9 Pin male connector pin assignments:

Serial 9 Pin male connector :							
Pin	Signal	Pin	Signal	Pin	Signal	Pin	Signal
1	CD	4	DTR	6	DSR	8	CTS
2	RD	5	GROUND	7	RTS	9	RI
3	TD						

◆ *Technical Specification*

Compatibility:	PCI 32Bit card for 486/586/Pentium/Pentium-II/ P-III/C5/K6
Operating system:	WIN 9.x/ME/NT/2000/XP, LINUX, DOS
Chips:	1 x SUN1889, 1 x SUN1689
Connections:	2 x DB 9 m connector serial 1 x DB 25 B f connector parallel
PCB:	2 Layer / 120 x 76 mm



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operations.