



4079FL

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

Version 1.1

# Hardware Guide

◆ *Description:*

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CE

The 4079FL 32Bit PCI bus Plug & Play 2S/1P I/O card is equipped with two High-Speed RS-232.V24 Standard Serial-Interface, The serial port include 32 Byte FIFO, The speed Up to 921Kb/Sec. one ECP/EPP/SPP/BPP IEEE 1284c CENTRONICS Parallel Interface. The 4079AL includes two 9 pin male connector for attaching peripheral's unit with Serial RS-232 Standard Interface and one 25 pin female connector for peripherals' unit's with IEEE 1284C CENTRONICS Parallel Interface.

◆ *Check your packing listing:*

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4079FL Card  
44Pin-2(9Pin male)&1(25Pin female) cable one set  
Software Driver  
Hardware Guide  
Installation Guide

◆ *Hardware Specification*

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Serial Port:

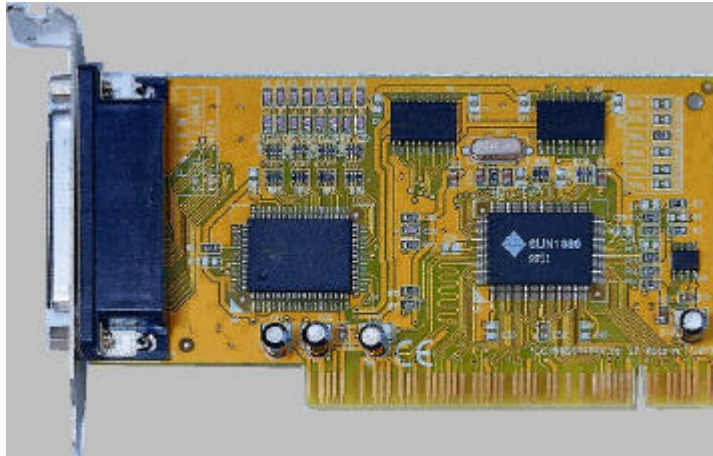
UART Chipset: SUN1889, Hardware FIFO is 32Byte FIFO,  
Compatible chips: with 16C650, 16C550, and 16C450.  
IEEE standard: RS-232 Interface  
Driver Chipset: TI-75232, speed up to 100Kb/Sec, length 300-500M.  
Max. Speed: Up to 921Kb/Sec (HYPER Terminal program)

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 2.7MB/Sec

## ◆ *Hardware Jumper and Connect*

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## ◆ *Hardware installation guide:*

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- Turn off the power of your computer
- Plug-in the 4079FL MIO Series Adapter to PCI bus of your computer
- Add-on the peripheral (Printer, Modem, Scanner... etc.) that you need 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

- After The Screen, your Card install correct, you can install WINDOWS 95/98/98SE/NT/2000/XP or LINUX, Please see INSTALL GUIDE

When Display Vendor ID, Device Id, Device Class or IRQ aren't DISPLAY or ERROR value, please

- . Change other slot
- . Clean your slot
- . Change other slot
- . Clean 4079FL golden finger
- . Return 4079FL card to manufacture

### ◆ **PIN ASSIGNMENTS:**

Parallel 25 Pin female connector pin assignments:

Parallel 25 Pin female connector (P1):					
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 (S1 and S2):							
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:** -WIN31/95/98/98SE/ME/NT/2000/XP,  
and LINUX,DOS

**Chips:** -1 x SUN1889, 1 x SUN1689

**Connections:**  
connector serial -2 x 9 Pin D-SUB male  
parallel -1 x 25 Pin D-SUB female connector

**PCB:** - 2 Layer / 120 x 64 mm

#### FCC COMPLIANCE STATEMENT:

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 operation.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**CAUTION:** Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment