



## 4077A (ISA)

2 Port RS-232 / 1 Port Parallel Card



### ■ Introduction

Sunix's 4077A is a serial and parallel combo expansion card. It offers you two ports of DB9M connection plus one port of parallel for all your project needs. The serial ports have a data transfer rate up to 921.6 Kbps and the parallel port offers speed up to 2.7 MB/sec. The card is ideal for project like the POS system, automation assembly, ISDN terminal, and more.

### ■ Features

- Support 16-bit PCI bus
- 5V connect key compatible
- Low repair rate with ASIC design
- Ideal for PC-based embedded systems
- Easy to install
- Serial
  - On-chip SUN1699 hardware flow control
  - Delivers fastest data transmission available, with speed up to 921.6 Kbps
  - Works perfectly with maior Operating Syatems
- Parallel
  - IEEE 1284C Standard Compatiable
  - Support ECP / EPP / BPP / SPP mode
  - Speed up to 2.7 MB/sec

## ■ Specifications

### ■ Function

<b>TYPE</b>		Sunix Multi I/O Communication Board
<b>Serial</b>	<b>Mode of Operation</b>	Hand-Shaking
	<b>Bus Transceivers</b>	RS-232 full duplex
	<b>Drivers per line</b>	RS-232 1 driver
	<b>Receivers per line</b>	RS-232 1 receiver
<b>Parallel</b>	<b>Mode of Operation</b>	ECP / EPP / SPP / BPP

### ■ Hardware

<b>Bus Interface</b>		16-bit ISA bus 5V connector keys
<b>Dimension (WxD)</b>		157 x 86 mm
<b>Bracket</b>		Standard 121 mm x 2 2
<b>Serial</b>	<b>IC</b>	SUN1699
	<b>Controller</b>	Sunix UART (16C750 compatible)
	<b>No. of Ports</b>	2 ports
	<b>PCB Connector</b>	DB9M port
<b>Parallel</b>	<b>IC</b>	SUN1689
	<b>Controller</b>	IEEE1284C standard compatible
	<b>No. of Ports</b>	1 port
	<b>PCB Connector</b>	Pin Head 13 x 2

### ■ Communication

<b>Serial</b>	<b>Interrupter</b>	IRQ 3/4/5/7/9/10/11/12/15
	<b>I/O address</b>	3F8, 2F8, 3E8, 2E8, 260, 268, 250, 258, 240,248, 230, 238
	<b>FIFO</b>	64 byte hardware FIFO
	<b>Baud Rate</b>	75 bps ~ 921.6 Kbps
	<b>Data bit</b>	4,5,6,7,8
	<b>Stop bit</b>	1,1.5,2
	<b>Parity</b>	even, odd, none, mark, space
	<b>Flow Control</b>	None, Xon/Xoff, Hardware
<b>Parallel</b>	<b>RS-232 Signal</b>	TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND
	<b>Interrupter</b>	IRQ 3/4/5/7/9/10/11/12/15
	<b>I/O address</b>	3BC, 378, 278, 368, 268, 358, 258
	<b>FIFO</b>	32 byte hardware FIFO
	<b>Baud Rate</b>	2.7 MB/sec
	<b>DACK/DRQ</b>	1,2,3

### ■ Regulator approvals

<b>Hardware</b>	CE, FCC
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#### ■Driver support

Microsoft	Windows 9x, NT, 2000 , DOS
Linux	2.0x / 2.2x
IBM	OS/2

#### ■Operation Environment

Operation Temperature	0 °C ~ 57 °C
Operation Humidity	5 ~ 95% RH
Storage temperature	-20°C ~ 85°C

#### ■Package content

Hardware	Sunix 4077A Multi I/O Communication Card
Cable	Print Cable
CD	Driver CD
Manual	User Manual



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