



## 4079AL (PCI)

2 Port RS-232 / 1 Port Parallel Card



### ■ Introduction

Sunix's 4079A is a serial and parallel combo low profile 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 ports offers speed up to 2.7 MB/sec. The card is ideal for project like the POS system, automation assembly, ISDN terminal, and more. The serial card is plug-n-play capable and installation is a breeze. Bundle with the card is Sunix's unique software which can increase the FIFO memory up to 128K byte.

### ■ Features

- Universal PCI interface
- Support 32/64-bit PCI bus
- 3.3V & 5V Universal PCI
- WHQL Certification Approval by Microsoft
- Ready for 64-bit system
- Low Profile 79.2 mm Bracket
- Serial
  - Serial High speed 921.6 Kbps
  - Serial High performance 128K byte FIFO
  - Friendly Graphic User Interface
- Parallel
  - IEEE 1284C Standard Compatible
  - Support ECP / EPP / BPP / SPP mode
  - Re-Map to ISA Address 378, 278
  - 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>		64-bit & 32-bit PCI bus
		3.3V & 5V connector keys
<b>Dimension (WxD)</b>		120 x 64 mm
<b>Bracket</b>		Low Profile 79.2 mm
<b>Serial</b>	<b>IC</b>	SUN1889
	<b>Controller</b>	Sunix UART (16C650 compatible)
	<b>No. of Ports</b>	2 ports
	<b>PCB Connector</b>	DB44M 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>	-

### ■ Communication

<b>Serial</b>	<b>IRQ &amp; I/O address</b>	Assigned by BIOS
	<b>FIFO</b>	32 byte hardware FIFO
		128K byte software FIFO support under Win 2K/XP/2003
	<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>RS-232 Signal</b>	TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND	
<b>Parallel</b>	<b>IRQ &amp; I/O address</b>	Assigned by BIOS
	<b>Re-Map</b>	ISA Address 378 , 278
	<b>FIFO</b>	32 byte hardware FIFO
	<b>Baud Rate</b>	2.7 MB/sec

### ■ Regulator approvals

<b>Hardware</b>	CE, FCC
<b>Software</b>	WHQL

## ■Driver support

<b>64-bit System</b>	IntelR ItaniumR and AMDR Athlon 64R 64-bit CPU System
<b>Microsoft</b>	Windows 9x, ME, NT, 2K, XP, 2003
<b>Linux</b>	2.0x / 2.2x / 2.4x
<b>DOS</b>	DOS

## ■Operation Environment

<b>Operation Temperature</b>	-20°C ~ 60°C
<b>Operation Humidity</b>	5 ~ 95% RH
<b>Storage temperature</b>	-20°C ~ 85°C

## ■Package content

<b>Hardware</b>	Sunix 4079AL Multi I/O PCI Card
<b>Cable</b>	Print Cable
<b>CD</b>	Driver CD
<b>Manual</b>	User Manual



**Headquarter Germany:**  
SPHINX Computer Vertriebs GmbH  
Phone: +49 (0) 6201 75437  
www.sphinxcomputer.de  
mail@sphinxcomputer.de

**Subsidiary France:**  
SPHINX Connect France  
Phone: +33 (0) 2 51 09 26 60  
www.sphinxconnect.com  
mail@sphinxconnect.com

**Subsidiary Germany:**  
SPHINX Connect GmbH  
Phone: +49 (0) 711 7287 5750  
www.sphinxconnect.de  
mail@sphinxconnect.de

**Branch Office Belgium**  
Phone: +32 26 39 39 48  
www.sphinxconnect.com  
benelux@sphinxconnect.com

**Subsidiary Austria:**  
S-Connect Vertriebs GmbH  
Phone: +43 (1) 504 84 78 0  
www.s-connect.at  
mail@s-connect.at

**Branch Office Spain**  
Phone: +34 913 109 823  
www.s-connect-espana.com  
mail@s-connect-espana.com

**Subsidiary Great Britain:**  
S-Connect Ltd.  
Phone: +44 (0) 1276 203 10  
www.s-connect.ltd.uk  
mail@s-connect.ltd.uk

**Sales Partner Switzerland:**  
VISONET AG  
Phone: +41 41 768 05 80  
www.visonet.ch  
info@visonet.ch