



4096A (PCI)

4 Port RS-232 / 2 Port Parallel Card



■ Introduction

Sunix's 4096A is a serial and parallel combo expansion card. It offers you four ports of DB9M or DB25M connection plus two ports 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
- 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

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

■ Hardware

Bus Interface	64-bit & 32-bit PCI bus	
	3.3V & 5V connector keys	
Dimension (WxD)	145 x 100 mm	
Bracket	Standard 121 mm x 3	
Serial	IC	SUN1889
	Controller	Sunix UART (16C650 compatible)
	No. of Ports	4 ports
	PCB Connector	DB37F port
Parallel	IC	SUN1689
	Controller	IEEE1284C standard compatible
	No. of Ports	2 ports
	PCB Connector	2 sets Pin Header 13 x 2

■ Communication

Serial	IRQ & I/O address	Assigned by BIOS
	FIFO	32 byte hardware FIFO
		128K byte software FIFO support under Win 2K/XP/2003
	Baud Rate	75 bps ~ 921.6 Kbps
	Data bit	4,5,6,7,8
	Stop bit	1,1.5,2
	Parity	even, odd, none, mark, space
	Flow Control	None, Xon/Xoff, Hardware
RS-232 Signal	TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND	
Parallel	IRQ & I/O address	Assigned by BIOS
	Re-Map	ISA Address 378 , 278
	FIFO	32 byte hardware FIFO
	Baud Rate	2.7 MB/sec

■ Regulator approvals

Hardware	CE, FCC
Software	WHQL

■ Driver support

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

■ Operation Environment

Operation Temperature	Sunix 4096A Multi I/O PCI Card
Operation Humidity	Print cable x 2
	DB37M to 4 ports DB9M or DB25M
Storage temperature	Driver CD

■ Package content

Hardware	Sunix 4096A Multi I/O PCI Card
Cable	Print cable x 2
	DB37M to 4 ports DB9M or DB25M
CD	Driver CD
Manual	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