



4079R (PCI)

2 Port RS-232 / 1 Port Parallel Card



■ Introduction

Sunix's 4079R 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 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
- Single 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

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)	120 x 78 mm	
Bracket	Standard 121 mm ²	
Serial	IC	SUN1889
	Controller	Sunix UART (16C650 compatible)
	No. of Ports	2 ports
	PCB Connector	DB62F port
Parallel	IC	SUN1689
	Controller	IEEE1284C standard compatible
	No. of Ports	1 port
	PCB Connector	-

■ 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	Intel® Itanium® and AMD® 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	-20°C ~ 60°C
Operation Humidity	5 ~ 95% RH
Storage temperature	-20°C ~ 85°C

■Package content

Hardware	Sunix 4079R Multi I/O PCI Card
Cable	DB62M to 2ports DB9M & 1 port DB25F Cable
CD	Driver CD
Manual	User Manual



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