



4072U2 (ISA)

2 Port RS-232 / 1 Port Parallel Card



■ Introduction

Sunix's 4072U2 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 Syttems
- Parallel
 - IEEE 1284C Standard Compatiable
 - Support ECP / EPP / BPP / SPP mode
 - 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	16-bit ISA bus	
	5V connector keys	
Dimension (WxD)	180 x 100 mm	
Bracket	Standard 121 mm x 2 2	
Serial	IC	SUN1699
	Controller	Sunix UART (16C650 compatible)
	No. of Ports	2 ports
	PCB Connector	DB9M port
Parallel	IC	SUN1689
	Controller	IEEE1284C standard compatible
	No. of Ports	1 port
	PCB Connector	Pin Head 13 x 2

■ Communication

Serial	Interrupter	IRQ 3/4/5/7/9/10/11/12/15
	I/O address	3F8, 2F8, 3E8, 2E8, 260, 268, 250, 258, 240,248, 230, 238
	FIFO	32 byte hardware FIFO
	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	Interrupter	IRQ 3/4/5/7/9/10/11/12/15
	I/O address	3BC, 378, 278, 368, 268, 358, 258
	FIFO	32 byte hardware FIFO
	Baud Rate	2.7 MB/sec

■Regulator approvals

Hardware	CE, FCC
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■Driver support

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

■Operation Environment

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

■Package content

Hardware	Sunix 4072U2 Multi I/O Communication Card
Cable	Print Cable
CD	Driver CD
Manual	User Manual



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