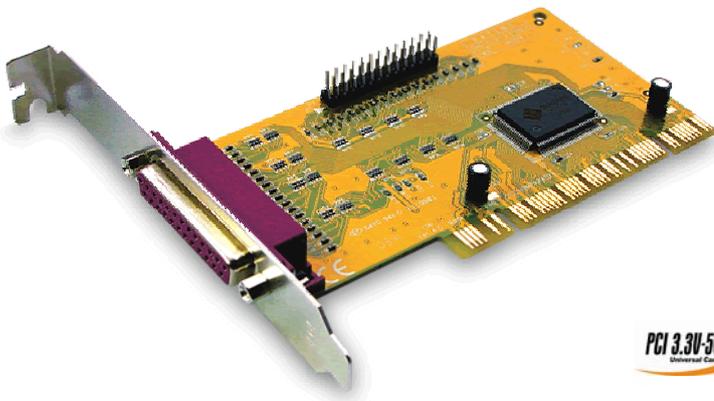




PAR4018A

2 ports IEEE1284 Parallel
PCI Board



Introduction

SUNIX PAR4018A PCI Parallel card enables users to add or expand two additional ECP/EPP/SPP/BPP communication ports on their PC-based system for connecting their parallel devices. SUNIX GoldenIO card series is designed with SUNIX high performance and realizable parallel connectivity controller, SUN1888 and as well built with many of SUNIX advanced features and technologies, making it the advanced and high efficient solution for commercial and industrial automation applications.

Features

- High reliability SUNIX SUN1888 Parallel controller on-board.
- Expands two IEEE1284 Parallel ports on system.
- Compliance with PCI 33MHz Version 2.2/2.1 specification.
- Support IEEE 1284-1994 parallel port standard
 - ECP (Enhance Capacity Port) / EPP (Enhance Parallel Port)
 - SPP (Standard Parallel Port) / BPP (Bi-direction Parallel Port).
- Plug-n-Play, I/O address and IRQ assigned by system.
- Certified by CE, FCC, RoHS approval.
- Support Microsoft Windows, Linux, and DOS.



Specifications

Controller: SUNIX SUN1888

BUS: PCI 33MHz Ver2.2/2.1

IRQ & IO: Assigned by System

Parallel Communication

Interface: IEEE1284

No. of Port: 2-port

PCB Connector: DB25 Female
13x2 pin Header

Cable Connector: DB25 Female

Mode: SPP/ECP/EPP/BPP(PS2)

Speed: Maximum 2.7Mbps

FIFO: 16byte (Hardware)

Driver Support:

Microsoft: 9x/Me/NT2000/XP/2003/Vista (32/64 bit)

Linux: Linux 2.4.x / 2.6.x

DOS: DOS

Regulatory Approvals:

Hardware: EN55022 Class B, EN55024, EN61000-3-2,
EN61000-3-3, FCC Part 15 Class B, RoHS

Operation Environment:

Operation Temperature: 0 to 60°C (32 to 140°F)

Operation Humidity: 5 to 95% RH

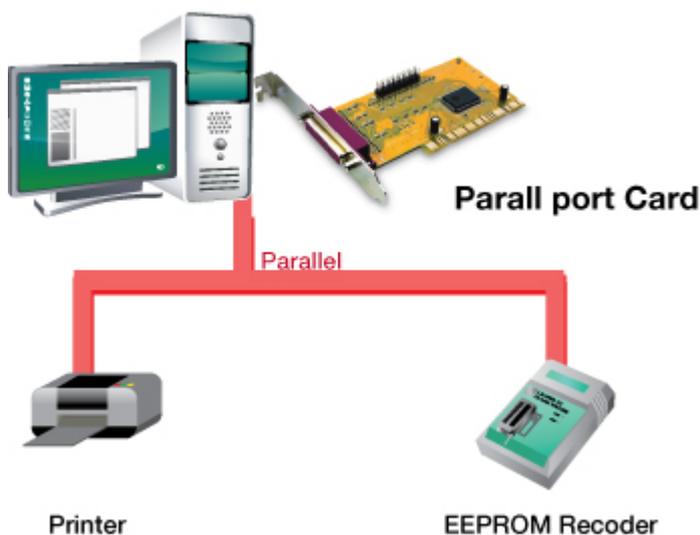
Storage Temperature : -20 to 85°C (-4 to 185°F)

Dimension(Unit = mm):

PCB Dimension: 64 x 120

Bracket: Std. 121

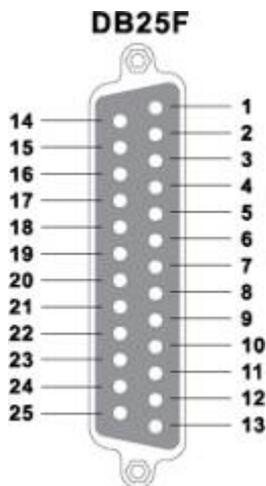
Application





Pin Assignment

Parallel



PIN	DB25F	PIN	DB25F
STROBE	1	AUTO FEED	14
DATA0	2	ERROR	15
DATA1	3	INT	16
DATA2	4	SELECT INPUT	17
DATA3	5	GND	18
DATA4	6	GND	19
DATA5	7	GND	20
DATA6	8	GND	21
DATA7	9	GND	22
ACKNOWLEDGE	10	GND	23
BUSY	11	GND	24
PAPER EMPTY	12	GND	25
SELECT	13	GND	

Packing List

Packing Content

- PAR4018A- 2 port IEEE1284 Parallel PCI Board
- Quick Installation Guide
- Software CD ROM
- 2x13 Pin Header to DB25F flat cable with bracket



Order Information

- PAR4008B 1 port IEEE1284 Parallel PCI Board
- PAR4008BL 1 port IEEE1284 Parallel Low Profile PCI Express Board
- PAR4018A 2 ports IEEE1284 Parallel PCI Express Board
- PAR4018AL 2 ports IEEE1284 Parallel Low Profile PCI Express Board
- PAR4408A 1 port IEEE1284 Parallel PCI Express Board
- PAR4418A 2 ports IEEE1284 Parallel PCI Express Board