

## PAR4008B

1 port IEEE1284 Parallel  
PCI Board



### Introduction

SUNIX PAR4008B PCI Parallel card enables users to add or expand one 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, and Microsoft WHQL approval.
- Support Microsoft Windows, Linux, and DOS.

## Specifications

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**Controller:** SUNIX SUN1888

**BUS:** PCI 33MHz Ver2.2/2.1

**IRQ & IO:** Assigned by System

### **Parallel Communication**

**Interface:** IEEE1284

**No. of Port:** 1 port

**PCB 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

**Software:** Microsoft WHQL

### **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)

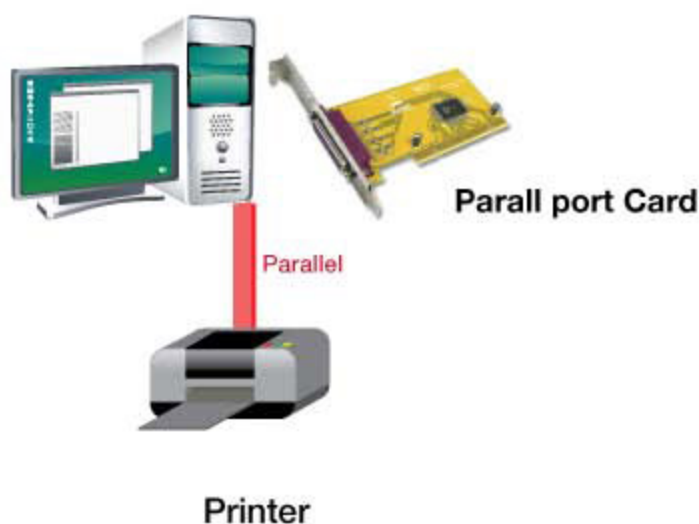
### **Dimension(Unit = mm):**

**PCB Dimension:** 64 x 122

**Bracket:** Standard 121

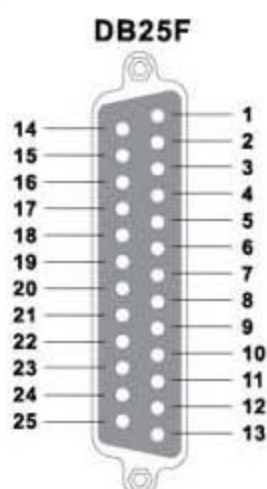
## Application

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## 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

- PAR4008B- 1 port IEEE1284 Parallel PCI Board
- Quick Installation Guide
- Software CD ROM

## Order Information

- PAR4008B 1 port IEEE1284 Parallel PCI Board
- PAR4008BL 1 port IEEE1284 Parallel Low Profile PCI Board
- PAR4018A 2 ports IEEE1284 Parallel PCI Board
- PAR4018AL 2 ports IEEE1284 Parallel Low Profile PCI Board
- PAR4408A 1 port IEEE1284 Parallel PCI Express Board
- PAR4408AL 1 port IEEE1284 Parallel Low Profile PCI Express Board
- PAR4418A 2 ports IEEE1284 Parallel PCI Express Board
- PAR4418AL 2 ports IEEE1284 Parallel Low Profile PCI Express Board