



SER4066RM

8-port PCI RS-232 Card



Introduction

SUNIX SER4066RM, Universal PCI serial high-speed communication board, allows users to add or expand 8 RS-232 ports on PC-based system. The card is compatible with both 32 / 64-bit PCI architecture supporting 3.3 and 5V Bus, allowing it to be installed in virtually any PC-based systems. SUNIX SER4066RM card has 32bytes onboard FIFO buffer and compatible with 16C750 UART specification. SUNIX GoldenIO card series is designed with SUNIX high performance and realizable single chipset octal UARTs, UL7522EQ and as well built with many of SUNIX advanced features and technologies, making it the best solution for commercial and industrial automation applications.

Features

- High reliability SUNIX UL7522EQ 16C750 compatible UART controller on-board.
- Expands 8 independent RS-232 serial ports with communication speeds up to 230.4Kbps.
- Compliance with PCI 66/33MHz Ver. 3.0/2.3/2.2 specification.
- Supports both 64-bit & 32-bit PCI bus slot and 3.3V & 5V power.
- On-chip hardware auto flow control to guarantee no data loss.
- Built-in $\pm 15\text{KV}$ ESD protection for all serial signals meets IEC1000-4-2 standard.
- Plug-n-Play, I/O address and IRQ assigned by BIOS.
- Certified by CE, FCC, RoHS, and Microsoft WQHL approval.
- Support Microsoft Windows, Linux, and DOS.

Specification

- Interface: Universal PCI 66/33MHz Ver3.0/2.3/2.2
- Communication:

IRQ & I/O Address: BIOS assigned	FIFO: 64 byte on-board FIFO	Baud Rate: 50 ~ 230400bps
Data Bits: 5, 6, 7, 8	Stop Bits: 1, 1.5, 2	Parity: None, Odd, Even, Space, Mark
Flow Control: None, Xon/Xoff, RTS/CTS	Connector: DB62F	
Data Signal: TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND		
- OS Support: Microsoft Windows 98, 2000, XP, 2003, CE5.0 and Vista 32/64 system, . . .
DOS, SCO OpenServer 5.06/5.07, Linux 2.2, 2.4.x and 2.6.x
- Environment : Operation temp. 0 °C ~ 57°C Storage temp. -10°C ~ 65°C Operation humidity: 5 ~ 95% RH
- Approval: RoHS, CE, FCC ClassB
- Dimensions: 102mm (W) x 144mm (L) / Standard Bracket 121mm

Package Contents

1. SER4066RM
2. Quick Installation Guide
3. CD Driver
4. Cable (DB62F to DB9/25M)

