

Specifications

Description

Product Description 2-port RS-232 PCI Express Serial Board

Serial Communication

Interface	RS-232
Controller	SUNIX SUN1989 (16C950 UART Compatible)
Bus	PCI Express one lane (x1)
No. of Port	2-port
IRQ & IO	Assigned by System
FIFO	128 byte (Hardware)
Signal	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND, RI
Baud rate	50 bps to 115.2 Kbps
Data bit	5,6,7,8
Stop bit	1,1.5,2
Parity	None, Even, Odd, Space, Mark
Flow Control	None, Xon/Xoff, RTS/CTS
Protection	±15KV ESD protection for each signal Human Body Model (HBM) ±15KV IEC1000-4-2 Air Gap Discharge ±8KV IEC1000-4-2 Contact Discharge
PCB connector	DB9 Male

Driver Support

Microsoft Client	Windows XP/Vista/7 (X86/X64)
Microsoft Server	Windows 2000/2003/2008 (X86/X64)
Microsoft Embedded	Windows CE5.0/6.0/XP Embedded/POS Ready 2009/Embedded System 2009
Linux	Linux 2.4.x / 2.6.x
DOS	DOS
FreeBSD	FreeBSD 5.3~5.5 / 6.0~6.4
QNX	QNX 6.3.2/6.4.0
* IBM OS/2	WARP 3/WARP 4
* SCO UnixWare	UnixWare 7.1.3/7.1.4/ Open Server 5.0.7/6.0
* Sun Microsystems	Solaris 10

Note : “ * ” Supported by special inquiry.

Regulatory Approvals

Hardware	EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B, BSMI: CNS13438, C-Tick: CISPR22 AS/NZS, RoHS Microsoft WHQL Windows
Software	• Microsoft Client: XP/Vista/7 (X86/X64) • Microsoft Server: 2000/2003/2008 (X86/X64)

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

PCB Dimension	77 x 87 mm
Bracket	Standard 121 mm
Bracket Space	1