2303CB Specification
1 ports RS-232 Express Card Serial cards

FEATURES
- Single RS-232 serial ports with communication speeds up to 230Kbps
- Designed to meet PCI-Express Base Specification Revision 1.1
- Supports to Hot-Swapping and Plug-n-Play function
- High speed 16C550 compatible UART controller on-board
- On-chip hardware auto flow control to guarantee no data loss
- Built-in 16 byte hardware FIFO
- Support Linux, MAC, Microsoft Windows 98/ME/2000/XP/2003 and Vista
- Ready of the Intel and AMD 32/64-bit CPU System

Overview
eMegatech PCI-Express serial communication board meets the new interface standard for expansion board. It is compatible with PCI-Express x1, x2, x4, x8, x16 lane Bus, enabling this board to be installed in any PCI-Express capable PC system. Majority of today’s motherboard no longer come with serial ports or only have one port, with eMegatech PCI-Express serial board, users can add or expand 8 ports of serial interface on their system, allowing them to connect their serial devices. eMegatech PCI-Express Serial Board is the advanced and high efficient solution for commercial and industrial automation applications.

Specifications

Serial communication

<table>
<thead>
<tr>
<th>Interface</th>
<th>RS-232</th>
</tr>
</thead>
<tbody>
<tr>
<td>Controller</td>
<td>Prolific pl2303HXD</td>
</tr>
<tr>
<td>Bus</td>
<td>PCI-Express one lane (x1) Express Card 34mm Wide</td>
</tr>
<tr>
<td>No. of port</td>
<td>1 ports</td>
</tr>
<tr>
<td>Port Type</td>
<td>DB9 Male</td>
</tr>
<tr>
<td>IRQ &amp; IO</td>
<td>Assigned by System</td>
</tr>
<tr>
<td>FIFO</td>
<td>16 byte hardware FIFO</td>
</tr>
<tr>
<td>Baud rate</td>
<td>up to 230Kbps</td>
</tr>
</tbody>
</table>
Flow Control
None · Xon/Xoff · RTS/CTS

Driver Support
Microsoft  Windows 98/ME/2000/XP/2003/Vista (32/64-bit)
Linux Kernel  2.2.x~2.4.x
MAC  9.0 and above

Regulatory Approvals
Hardware  CE · FCC

Operation Environment
Operation Temperature  0 to 60℃
Operation Humidity  5 to 95% RH