

Owner's Manual

4-Port RS-232 Serial PCIe Card with Breakout Cable

Model: PCE-D9-04-CBL

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Product Features

- Adds four DB9 RS-232 Serial ports to your computer or server
- Single-chip design provides optimum reliability and speed, reducing CPU load from conventional bridge-chip cards
- Supports data transfer rates up to 250 Kbps on each port
- Single-Lane (x1) PCI-Express with throughput up to 2.5 Gbps
- PCI Express 1-Lane (x1) interface, which is also compatible with x4, x8 and x16 PCIe slots
- Compliant with PCI-Express Base Specification Revision 1.1
- Compatible with industrial standard 16450/16550 UART
- On-chip 256-byte depth FIFO in Transmit & Receive paths of each port
- Supports hardware and software flow control
- 5-, 6-, 7- and 8-bit serial formats supported
- Supports Even, Odd, None, Space and Mark parity
- Supports 1 or 2 Stop bit operation
- Supports Re-map function for legacy ports
- Standard size bracket

Package Includes

- PCE-D9-04-CBL RS-232 Serial PCI Card
- DB9 Breakout Cable
- Driver CD
- Owner's Manual

Optional Accessories

- P520-006 DB9 Serial Extension Cable – 6 ft.

System Requirements

- Computer with an available PCI Express (PCIe) expansion slot (x1, x4, x8, x16)
- Compatible with Windows® (2000 and later) and Linux® (2.6.13 and later)

Installation

Notes:

- *PCIe cards are static-sensitive devices that require proper handling. An Anti-Static ESD Wrist Strap (such as Tripp Lite's P999-000) or similar device should always be used when handling.*
 - *Handle the card with care when installing, holding it by the edges and not the PCI interface connectors.*
- 1.** Turn off the computer you are installing the PCIe card in, unplug its power cord and disconnect all peripheral devices (e.g. monitor, keyboard, mouse, printer, etc.).
 - 2.** Referring to your computer's technical documentation, remove the cover from your computer.
 - 3.** Locate an available PCI Express slot (x1, x4, x8 and x16 slots supported), and remove the metal bracket from the back of the computer to allow for insertion of the card.
 - 4.** Gently insert the PCIe interface connector on the card into the PCIe slot, making sure it connects securely and evenly.
 - 5.** Reattach the metal bracket to the back of the computer.
 - 6.** Place the cover back onto the computer.
Re-connect its power cords and peripheral devices.

Installation

7. Connect the included DB9 breakout cable to the HD44 port on the card.
8. Upon starting your computer, the appropriate drivers should auto-install. If they do not auto-install or do not fully install, insert the included driver CD, navigate to and install the appropriate driver for your OS.

Note: *If your computer does not have a CD drive, you can obtain the driver from www.tripplite.com/support.*

9. To verify your installation, navigate to your computer's device manager and confirm the ports on the PCI card appear as COM ports.

Warranty and Product Registration

1-YEAR LIMITED WARRANTY

TRIPP LITE warrants its products to be free from defects in materials and workmanship for a period of one (1) year from the date of initial purchase. TRIPP LITE's obligation under this warranty is limited to repairing or replacing (at its sole option) any such defective products. To obtain service under this warranty, you must obtain a Returned Material Authorization (RMA) number from TRIPP LITE or an authorized TRIPP LITE service center. Products must be returned to TRIPP LITE or an authorized TRIPP LITE service center with transportation charges prepaid and must be accompanied by a brief description of the problem encountered and proof of date and place of purchase. This warranty does not apply to equipment, which has been damaged by accident, negligence or misapplication or has been altered or modified in any way.

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Some states do not permit limitation or exclusion of implied warranties; therefore, the aforesaid limitation(s) or exclusion(s) may not apply to the purchaser.

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PRODUCT REGISTRATION

Visit www.tripplite.com/warranty today to register your new Tripp Lite product. You'll be automatically entered into a drawing for a chance to win a FREE Tripp Lite product!*

* No purchase necessary. Void where prohibited. Some restrictions apply. See website for details.

Warranty and Product Registration

FCC Notice, Class B

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications to this equipment not expressly approved by Tripp Lite could void the user's authority to operate this equipment.

Warranty and Product Registration

WEEE Compliance Information for Tripp Lite Customers and Recyclers (European Union)



Under the Waste Electrical and Electronic Equipment (WEEE) Directive and implementing regulations, when customers buy new electrical and electronic equipment from Tripp Lite they are entitled to:

- Send old equipment for recycling on a one-for-one, like-for-like basis (this varies depending on the country)
- Send the new equipment back for recycling when this ultimately becomes waste

Use of this equipment in life support applications where failure of this equipment can reasonably be expected to cause the failure of the life support equipment or to significantly affect its safety or effectiveness is not recommended. Do not use this equipment in the presence of a flammable anesthetic mixture with air, oxygen or nitrous oxide.

Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice.



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