



ROCKETPORT® | INFINITY & EXPRESS Multiport Serial Cards



ABOUT ROCKETPORT PRODUCTS

PCI-X and PCI Express serial device connectivity

RocketPort INFINITY and EXPRESS families are Control's next generation multiport adapters. The cards design maximizes serial performance via Control's exclusive high performance Unity chip.

The INFINITY and EXPRESS cards offer the highest port density options available in expansion cards, with 4 to 32 ports for connecting even more serial devices, such as printers, scanners, cameras and weigh scales.

RocketPort cards are flexible, reliable, and high-speed in-server serial port expansion cards. They deliver dependable connectivity and increased communication capabilities in a wide variety of commercial and industrial applications.

INDUSTRIAL APPLICATIONS

- | | |
|-----------------------|-----------------------|
| Factory systems | Printers |
| SCADA systems | Scanners |
| Point-of-sale systems | Barcode readers |
| Video tape recorders | Remote camera control |
| Digital signage | Weigh scales |
| Road sensors | RFID transponders |
| Satellite control | |



HIGHLIGHTS

- INFINITY: 32 or 64 Bit 3.3 or 5 Volt uPCI or PCI-X Connectivity
- EXPRESS: PCI Express x1, x2, x4, x8, x12 and x16 Lane Connectivity
- Low-profile or Standard Height Compatible
- RS-232/422/485 Software-selectable
- 4- to 32-Port Densities
- High Performance Cards with Speeds up to 921 Kbps
- Various interfaces and cabling options available – Interface box or Quad/Octa cable
- Supports Windows-certified drivers and Free BSD, Linux, QNX, and SCO Open Server
- RoHS2 Compliant

For more information visit www.control.com

connect. communicate. control.



ROCKETPORT INFINITY AND EXPRESS

The RocketPort INFINITY and EXPRESS product families are Comtrol's next generation multi-port serial adapter. The product design takes advantage of the increased performance of Comtrol's exclusive Unity chip. Cards are low profile and are for use in both standard height and low-profile servers. Quad-cabled and octa-cabled products reach serial communication speeds of 921 Kbps and products with an interface communicate at up to 460 Kbps. All products support software-selectable RS-232/422/485 serial communication modes. The product family includes models from 4-ports to 32-ports with up to 128-ports per system. These products are available in 4,8,16,32 port densities, with interface box and cable connections in DB9, DB25 and RJ45.

HARDWARE SPECIFICATIONS

| | |
|-------------------------------|---|
| Number of Cards/System | Up to 4 |
| Number of Ports/Card | 4, 8, 16, or 32 |
| Interrupts/PCI | One or None |
| Baud Rate | 921 Kbps for Cards with Cable, 460 Kbps for Cards with Interfaces |
| Device Driver Control | |
| Data Bits | 5, 6, 7 or 8 |
| Parity | Odd, Even, None |
| Stop Bits | 1 or 2 |

INTERFACES

| | |
|-----------------------|---|
| Bus Interface | |
| INFINITY | 3.3 or 5 Volt uPCI, PCI-X |
| EXPRESS | (PCI-E) 1X, 4X, 8X, 16X-Lane Compatible |
| Communications | |
| Quad/Octa Cards | RS-232/422/485 |
| 8-/16-/32-Port Cards | RS-232/422/485 |

CONDITIONS

| | |
|--|----------------------------|
| Heat Output | 6.2 to 22.8 BTU/Hr |
| Operating Temperature | 0 to 60° C* |
| Altitude | 0 to 10,000 Ft |
| MTBF (Mean time between failures) | |
| INFINITY | 57.1 TO 187.2 Yrs* |
| EXPRESS | 48.7-119.1 Yrs* |
| Operating Humidity | 5% to 95% (Non-Condensing) |
| Surge Protection | 15KV - 25KV ESD* |

PHYSICAL SPECIFICATIONS

| | |
|----------------------|---------------------|
| Dimensions | |
| Quad/Octa Card | 4.7" (L) x 2.6" (H) |
| 8-/16-/32-Port Cards | 4.7" (L) x 2.6" (H) |

ELECTRICAL SPECIFICATIONS

| | |
|----------------------------|---------------|
| Current Consumption | |
| INFINITY | 3.3VDC 520mA |
| EXPRESS | 3.3VDC 910mA |
| Power Consumption | |
| INFINITY | 1.8 Watts Max |
| EXPRESS | 3.1 Watts Max |

AGENCY APPROVALS

Canadian EMC Requirements
FCC Part 15 Class B Certification
Product Safety UL Recognized
European EMC Requirements
ESD and Surge Protection to EN 55024 1998 Standard
CE Approved
European Standard RoHS 2 Compliant

SUPPORTED OPERATING SYSTEMS

Linux 32 + 64 Bit
Microsoft Windows 2000®, XP®, Server 2003®, Vista®, 7, 2008 Server
FreeBSD 5,6
SCO OpenServer™ 5, 6
QNX® 6.X

*Varies depending upon model.



Visit Comtrol's website at www.comtrol.com for more detailed individual model specs.



Warranty Information
Comtrol offers a 30-day satisfaction guarantee and 5-year limited warranty.

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