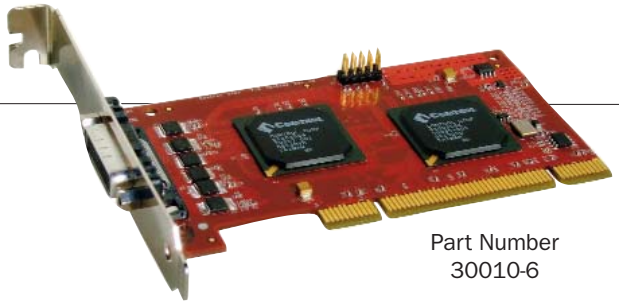
RocketPort® INFINITY
32-Port Card



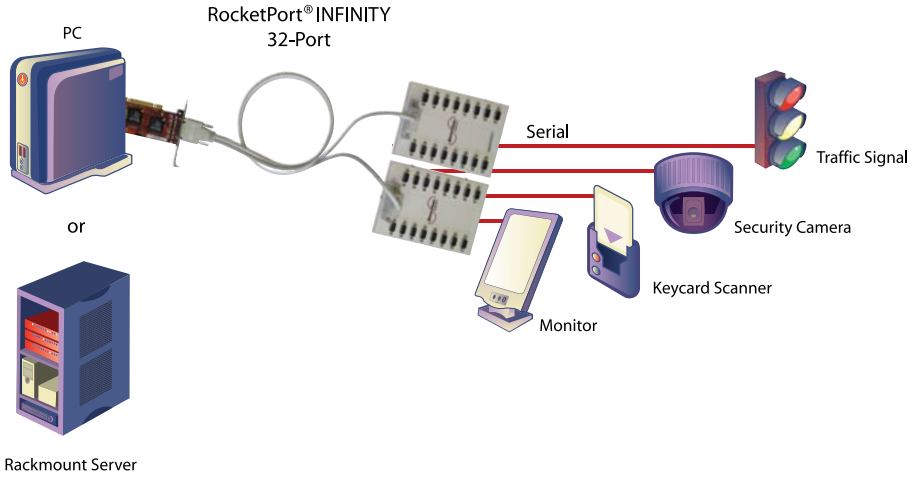
Part Number
30010-6

Highlights

- **32 or 64 bit 3.3 Volt PCI or PCI-X Compatible**
- **Low-profile or standard height compatible**
- **RS-232/422/485 software - selectable**
- **66Mhz BUS speed via Comtrol's Unity ASIC chip**
- **Communications speeds-up-to 460Kbps**
- **RoHS compliant**

Flexible, reliable and high-speed serial port expansion.

This RocketPort INFINITY card product delivers 32-ports of additional in-server serial connectivity via an external interface that is purchased separately. Data communication of 460 Kbps is connected through RS-232/422/485 software-selectable ports. The serial adapter card is a low profile design suitable for use in both standard servers and 2U rackmount servers. Product is fully compatible with systems that have 32 or 64 bit 3.3 volt PCI and PCI-X expansion slots. **The INFINITY design utilizes the Comtrol Unity ASIC technology that takes full advantage of the increased 66 MHz BUS speed available on PCI-X servers.**



COMTROL®
Network Enabling Devices

Specifications

HARDWARE

• Maximum Cards/System	4
• Bus Interface	PCI or PCI–X
• Interrupts Used	None or One
• Product Weight (w/ cables)	16.3 oz
• Form Factor	Low–profile PCI or Standard PCI

ELECTRICAL SPECIFICATIONS

• Current Consumption	3.3 V or 5 V
• Power Consumption	6.7 W*
• Surge Protection	15KV @200A for 1ns

ENVIRONMENTAL SPECIFICATIONS

• Operating Temperature	0 to 60°C
• Storage Temperature	–20 to 85°C
• Operating Humidity	5% to 95%
• Altitude	0 to 10,000 Ft
• Heat Output	22.8 BTU/Hr
• MTBF	152.6 Years

DEVICE DRIVERS

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

SERIAL COMMUNICATIONS

• Port Communication	(32) DB9M*
• Software Interfaces	RS–232/422/485
• Baud Rates	300 to 460 Kbps
• Data Bits	5, 6, 7 or 8
• Parity	Odd, Even, None
• Stop Bits	1 or 2

* Card and interface together

REGULATORY APPROVAL MARKS

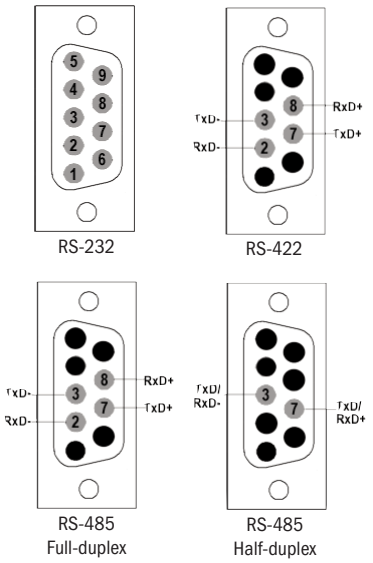
RoHS 2002/95/EC
CE
FCC
UL/cUL

REGULATORY STANDARDS

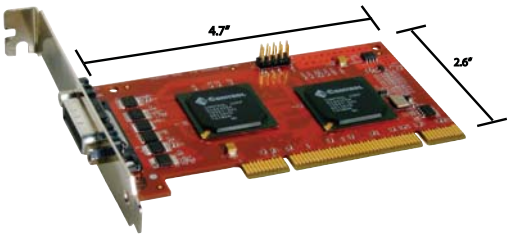
- Immunity:
  European Standard EN55024
  IEC 1000–4–2/EN61000–4–2: ESD
  IEC 1000–4–3/EN61000–4–3: RF
  IEC 1000–4–4/EN61000–4–4: Fast Transient
  IEC 1000–4–5/EN61000–4–5: Surge
  IEC 1000–4–6/EN61000–4–6: Conducted Disturbance
  IEC 1000–4–8/EN61000–4–8: Magnetic Field
  IEC 1000–4–11/EN61000–4–11: Dip and Voltage
- Emission:
  Canadian EMC Requirements ICES–003
  European Standard EN55022
  FCC Part 15 Subpart B: Class B limit
  AS/NZS CISPR 22
- Safety:
  IEC 60950/EN60950
  CSA C22.2 No. 60950/UL60950, Third Edition
- European Standard: 2002/95/EC Directive (RoHS)

FEATURES

- RoHS Compliant
- Low–Profile or Standard Height
- Easy Set–up
- 5–Year Warranty



DB9M Serial Connection Pinout



RocketPort INFINITY Card Dimensions
L 4.7 in x **W** 2.6 in
Metric: **L** 11.94 cm X **W** 6.60 cm

Ordering Information

30010–6 RocketPort INFINITY 32–Port
30055–7 RocketPort INFINITY 32–Port Rackmount Interface

Product Support & Service Information

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