

RocketPort Multiport Serial Controllers

Models:

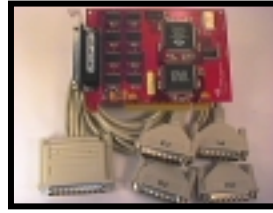
95510-8	95530-6	95500-9	95520-7
95860-4	95880-2	95850-5	95870-3



95530-6



95500-9



95860-4



95870-3

The RocketPort® family of serial boards revolutionize multiport connectivity, making it more powerful, more reliable, easier to use, and more cost-effective than any other controller available on the market today. RocketPort is ideal for high-level remote LAN access and Internet access applications using high-speed modems or ISDN terminal adapters. Supports the most popular operating systems – Win 95, 98, 2000, and NT.

RocketPort Features:

- Industry's highest throughput across 4 or 8 ports full-duplex
- Dedicated 36-MHz Application Specific Integrated Circuits (ASIC) processor, one per every 8 ports, for optimum throughput and minimal performance degradation
- Unparalleled speed--up to 460.8 Kbps* transmit and receive across all ports simultaneously--sustains full compressed ISDN throughput
- Both ISDN terminal adapters and modems can be connected to the same card
- I/O mapped--eliminates memory conflicts
- ISA or PCI bus architectures available
- Comes with the industry's best software drivers for all major operating systems and technical support

* Speed dependent on hardware configuration and operating system

RocketPort Benefits:

- Unprecedented performance and throughput across all ports allows you to accomplish more work in less time while using fewer resources as illustrated in the Performance Benchmark Study
- ASIC integration reduces the number of components by 80%, yielding unmatched reliability and the industry's highest Mean Time Between Failure (MTBF) and specifications
- Easy installation --No shared memory to configure
- Large FIFOs (64 times larger than a 16550 UART) maximize host efficiency and data integrity while minimizing data loss

Remote Access Capability:

The RocketPort series performance capabilities make it ideal for high-level remote access, Internet access, and peripheral control applications. As banks of higher-speed modems are installed to provide remote access to corporate resources on the network, only superior-performing multiport boards, like the RocketPort series, can accommodate the higher data speeds.

Dedicated 36 MHz processors ensure that the high throughput needed by V.Fast/V.34 modems is sustained across all ports. To ensure data integrity and minimize load on the host CPU, the RocketPort series uses larger transmit and receive FIFOs, 16 and 64 times larger respectively, than multiport boards designed with 16550 UARTs. Thus, the RocketPort series virtually eliminates the potential for data loss and bottlenecks at the serial controller level, while conserving CPU resources and ensuring data integrity.

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Applications:

- Remote Access
- Retail point-of-sale
- Kiosk management
- Medical equipment applications
- Testing systems
- Security systems
- Office automation
- Bulletin board systems
- Automated Teller Machines (ATM)
- Engineering lab environment
- Satellite links
- Factory floor automation
- Environmental control systems
- Internet service providers (ISP)
- UNIX and other multi-user environments

ISA Bus:

Installed in the 16-bit ISA or EISA slot of a PC with Windows, a RocketPort serial card transmits and receives a significantly greater amount of data, which enables more work to be accomplished in a much shorter period of time. In addition, host CPU utilization is minimized to allow more system resources to be available for running existing software applications.

You'll get outstanding performance of up to 230.4 Kbps full duplex across all 32 ports simultaneously. This is the result of RocketPort's unique design features: Dedicated on-board 36MHz processors-one for every eight ports-ensure consistent application of power to each port. I/O mapping eliminates memory mapping conflicts. Proprietary Application Specific Integrated Circuits (ASICs) yield the most reliable serial I/O performance.

4 and 8-Port ISA Bus Controllers with DB-25M Cables or DB-9M Cables

ISA bus intelligent board has 4 or 8 high-speed RS-232 serial ports with full modem control. Each includes a cable assembly with 4 or 8 individual DB-25 male or DB-9 male modem cables.

Model	Product Name	
95510-8	4-Port ISA Controller with DB-25M Cables	CE
95530-6	4-Port ISA Controller with DB-9M Cables	CE
95500-9	8-Port ISA Controller with DB-25M Cables	CE
95520-7	8-Port ISA Controller with DB-9M Cables	CE

PCI Bus:

Aimed at the high-speed data communications needs of today's market, these RocketPort serial cards use a PCI interface. They provide a 32-bit access path, rather than an 8 or 16-bit path, sustaining 32 percent more ports at 230.4Kbps (full duplex). For users of Pentium-platform processors, these units enable the use of the PCI slot, with significantly enhanced performance.

In high-level remote access applications, where banks of higher speed modems and ISDN terminal adapters are being added to support corporate resources on the network, the RocketPort intelligent serial card will provide more ports at twice the speed of anything else on the market. Users can tie into ISDN by simply calling the local carrier for service and connecting an ISDN Terminal Adapter to this card's port, just like any other external modem.

4 and 8-Port PCI Bus Controllers with DB-25M Cables or DB-9M Cables

PCI bus intelligent board has 4 or 8 high-speed RS-232 serial ports with full modem control. Each includes a cable assembly with 4 or 8 individual DB-25 male or DB-9 male modem cables.

Model	Product Name	
95860-4	4-Port PCI Controller with DB-25M Cables	CE
95880-2	4-Port PCI Controller with DB-9M Cables	CE
95850-5	8-Port PCI Controller with DB-25M Cables	CE
95870-3	8-Port PCI Controller with DB-9M Cables	CE

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