



# VRC 5000 Vehicle Radio Computer Series



**Industrial Computers for Vehicle or Fixed-Mount Applications**  
 VRC 5000 Vehicle Radio Computers from Symbol Technologies are rugged, PC-compatible computers with advanced processing capability that can withstand physical shock and vibration. The terminal family boasts an IP66 sealed housing, NEMA 4 rating; heater options permit operation in extreme temperatures of -30<sup>0</sup> C / -22<sup>0</sup> F. Accommodating both a user-friendly resistive touch based operator interface or external keyboard, and bar code scanning technologies, the VRC 5000 Series serves as the foundation for advanced logistics applications.



## Features include:

- ▶ Large, easy to read, graphics display. Screen presentations are flexible and easily changed. Color LCD option is also available for applications utilizing more complex graphics.
- ▶ Optional resistive touch screen eliminates keyboard data entry and allows both gloved and ungloved operations.
- ▶ Industry standard PC-compatible architecture for increased flexibility and ease of application development.
- ▶ IP66 sealed, NEMA 4 rated terminal with industrial strength connectors and keyboard that withstand the most punishing of environments.
- ▶ Optional heater for use in extreme temperature conditions.

## Fixed-Mount or Vehicle-Mount to Suit Your Application Environment

From cross-dock to forklift to yard management, the VRC 5000 Series has the versatility to address your application environment:

- ▶ When mounted on a wall, it is ideal for typical cross-dock applications. VRC 5000 receives power from a standard 110V AC outlet, and provides connectivity with a Token-Ring, Ethernet local area network or a Symbol Technologies Spectrum24<sup>®</sup> wireless LAN.
- ▶ The VRC 5000 can also be used for wireless mobile-mount applications. It mounts directly on a wide variety of industrial vehicles, including forklift trucks, hostlers and motorized pallets. This mobile unit receives power from the vehicle's battery and uses radio frequency technology to communicate to a Symbol Spectrum24 wireless LAN.

Open system architecture also ensures that the VRC 5000 Series can readily adapt to changing application requirements. And when combined with the Spectrum24 wireless LAN from Symbol, real-time tracking data is available as freight moves through cross-dock operations. The system, in concert with central dispatch services, prevents misloads and overloads, facilitates paperless office and dock operations, maximizes dock door utilization and provides automatic production measurements.



## Your Symbol for Performance

The VRC 5000 Series: rugged computers for tough environments. And they could only come from Symbol Technologies, the company that combines innovative products with industry systems expertise to provide the industry's leading transportation and logistics solutions.

To find out more about how your company can benefit from use of the VRC 5000 Series, contact any of the convenient locations on the back panel or visit us at [www.symbol.com](http://www.symbol.com)

# VRC 5000 Series Specification Highlights

## User Environment

Operating Temperature:	Without heater: 32° to 122° F/0° to 50°C With optional heater: -22° to 122°F/-30° to 50°C
Storage Temperature:	-40° to 185° F/-40° to 85° C
Humidity:	0% to 95% (noncondensing)

## Physical Characteristics

Dimensions:	12" W x 10.5" H x 3" D/30.5 cm W x 26.7 cm H x 7.6 cm D
Weight:	Fully configured: 7 lbs./3.15 kg
Materials:	Ruggedized aluminum enclosure; independent shock-cushioned mounting bracket for vehicle installation
Video Display:	640 x 480 electroluminescent high brightness (standard); 640 x 480 active-matrix color LCD options
Touch Screen Interface:	Resistive touch
Mounting Option:	Universal forklift mount is available

## Performance Characteristics

CPU:	AMD 5 x 86 @ 133 MHz
Software Compatibility:	PC-compatible, industry standard software environment; operating system compatibility includes MS-DOS Vers. 6.22, Windows® 3.1, Windows 3.11, Windows 95, Windows NT
System Memory:	Up to 64 MB
Network Connectivity/ Interface:	Token-Ring; Ethernet; Spectrum24®
Serial/Parallel I/O and Real-Time Clock:	1 standard RS-232C serial channels; 1 enhanced parallel printer port; 1 battery-packed real-time clock (time/day/date)
Solid State Storage:	8 Mb flash disc configurations (PC card hard disk drives available)
PCMCIA Slots:	Dual PC card V2 slots, two Type II or one Type III compatible
Power Supply Options	External 90-265V AC supply 12V, forklift-mounted 12V propane, 24-48V electric
I/O Connectors:	Power: 4-pin locking circular NEMA sealed Fischer connector Keyboard/Ethernet: 8-pin locking circular, NEMA sealed Fischer connector Scanner: 6-pin locking circular, NEMA sealed Fischer connector Serial I/O: One DB-9 (RS-232C standard) NEMA sealed Parallel I/O: DB-25 (standard) NEMA sealed Network/Antenna: Token-Ring, Ethernet, Spectrum24® Audio I/O: 16-bit Plug-N-Play sound system (Windows & Soundblaster compatible) Audio Indicator: 95 dBA @ 1 ft./30 cm typical

## Peripherals and Accessories

Laser Scanners:	Supports Symbol decoded scanners via scanner port or com port. Scanner port has internal Synapse board connectivity.
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For system, product or services availability and specific information within your country, please contact our local Symbol Technologies office or Business Partner.



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