

Boost productivity in the warehouse and on the road

Improve your supply chain efficiency with Waveon 743



Product Highlights

- Water & Dust Proof Front Panel Design
- 2-Way Data Communications
- Reliable In-Vehicle Power Management
- Wireless Expansion Capacity (Bluetooth & WLAN)

Industrial Applications

- Job Dispatch & Messaging System
- Fleet Management System

Waveon 743

Waveon 743 mobile data terminal is a compact and fanless vehicle mounted computer designed to improve the efficiency throughout the supply chain of warehouse and logistics businesses.

Featuring a 7" integrated color TFT-LCD display with touch screen, Waveon 743's compact design is suitable for commercial vehicles such as forklifts and trucks with limited amount of dashboard space. Waveon 743's rugged aluminum enclosure without ventilation holes makes it waterproof and dust proof too.

Waveon 743 is easy to mount on forklifts for real-time receiving, put-away, picking, and shipping applications in warehouse environments. Its one-piece design is useful for fleet management, which

encompasses tracking, flexible routing, driver behavior tracking, fuel consumption, delivery accuracy and visibility, mobile communications and more.

Waveon 743 provides reliable two-way data communications between the central dispatch office and its drivers via the GSM/GPRS network. In the warehouse, real-time data is transferred via 802.11b/g wireless communications.

With Waveon 743, warehouse and logistics businesses can now look forward to improving their supply chain efficiency through improved information flow and enhanced productivity of the drivers.



Reliability is Everything.

Headquartered in Singapore, InfoWave is a leader in defining, producing and distributing quality telematics devices that benefit our customers. Quality means providing our customers with reliable and durable products that fully satisfy their needs.

When Customers Speak, InfoWave Listens.

At InfoWave, our business is driven by our understanding of our customers' needs and what they require in order to succeed. The market for the delivery of telematics products is growing rapidly, with new products being delivered at an ever-increasing pace. With such growth comes the need to differentiate among the offerings. That is why InfoWave has organized a team of engineers to define, produce and deliver the next-generation of telematics products that meet those needs.

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Technical Specifications At A Glance

Physical Specifications

- 255mm (W) x 160mm (H) x 50mm (D)
- 1700g (Basic Configuration)

Performance Specifications

- Microsoft® Windows® XP Embedded
- AMD® Geode LX800 500MHz

Memory/Storage Specifications

- 256MB DDR266 SODIMM SDRAM
- 2GB CF II Solid State Disk

Display & User Interface Specifications

- 7" TFT WVGA 262K Color LCD
- 800 x 480 Screen Resolution
- 400 cd/m² Luminance
- Analog Resistive Touch Panel (COM3)
- Brightness Control Buttons (5~100%)
- 5 Lighted Programmable Function Keys
- Power On/Off Button
- Integrated 1.5W Speaker and Hidden Microphone

Power Specifications

- 9Vdc~36Vdc, Supports Ignition Cold Crank
- Operating 12W (Typical) & 32.4W (Max.)

Power Specifications (Cont'd)

- Low Battery Shutdown Protection
- Power On/Off Delay
- RTC 3.0V Lithium Battery

Control I/O & Communication Ports

- 4 x General Purpose Input (TTL)
- 4 x General Purpose Output (TTL)
- 2 x RS232/422/485 Serial Port
- 3 x USB V2.0 Port

Wireless Data Communications

- GSM/GPRS
 - Quad-Band 850~900~1800~1900
 - Multi-Slot Class 10
 - Mobile Station Class B
- GPS: 12-Channel Positioning Receiver
- WLAN 802.11b/g Mini-PCI Module
- Bluetooth v2.0 Class 2 EDR Module

Packing List

- Waveon 743 Mobile Data Terminal
- GPS/GPRS & WLAN Antennas
- Power Cord: DC Power Inlet Cable (180cm)
- RAM Mount Kit

Environmental Specifications

Operating Temperature

- -20°C ~ 60°C (-4°F ~ 140°F)

Storage Temperature

- -40°C ~ 60°C (-40°F ~ 140°F)

Relative Humidity

- 10% ~ 95%, 40°C

Vibration

- 5Hz ~ 500Hz 3G RMS Random

Shock

- 30G Peak (11msec Duration)

Water & Dust Resistant

- IP65 Sealed Front Panel & Back Cover Protection, Excludes I/O Ports. Ruggedized Aluminum Casing without Ventilation Holes.

Regulatory

- CE: 60950/CB - Pending
- EMC: EN55022 Class B - Pending
- EMS: EN55024 - Pending
- Safety: IEC 60950 - Pending

For more information on how Waveon 743 can help you in improving your supply chain efficiency, please email sales@infowave.sg.