ZEBRA VC70N0

ULTRA-RUGGED VEHICLE-MOUNT MOBILE COMPUTER

Your warehouse is the vital core of your manufacturing or distribution operations. Errors and the slow movement of materials in, through and out of this hub threaten product quality, order accuracy and order delivery times — and drive costs up and customer service levels down. What if you could empower operators in your material handling vehicles to increase efficiency and execute every task accurately? With the VC70N0, you can. The rugged VC70N0 is built to handle the demands of life on the vehicles in your warehouses, enabling operators to access the real-time information needed to achieve a new level of accuracy and productivity. Now, every movement of every item can be verified with a quick scan of the bar code as it is stored on the warehouse shelves, picked for delivery to the production line or to fulfill an order, packed and shipped. The result? More productive operators. Increased throughput. Accurate orders that are delivered on time, every time. And satisfied, loyal customers.

Right-sized for all your Material Handling Vehicles

Compact design improves operator visibility and safety while providing a large screen with plenty of room to display information operators need to improve task productivity and accuracy.

High-Speed Wi-Fi Wireless Connectivity

802.11a/b/g/n supports today's fastest available WLAN connections for superior application performance — plus easy integration with practically any WLAN.

The Power You Need to Support Graphics-Rich applications

A dual core 1 GHz processor, 2GB of Flash memory and a user-accessible SD card slot that supports up to 32GB provide best-in-class performance for demanding applications as well as OS-agnostic applications created with Zebra's RhoMobile Suite.

Our Most Rugged Vehicle-Mounted Mobile Computer

Designed for use in extreme warehouse environments, with a dust-and-watertight IP 66 sealing, rugged aluminum construction, freezer rating, sealed connectors and extreme shock and vibration testing.

A Large High-Resolution Display for Easy Reading

The 10.4 in. bright XGA 1024x768 600 NIT high resolution display is easy to view in nearly any lighting condition — from the warehouse aisles to the loading dock and yard.

Flexible Mounting to Fit on Practically Any Warehouse Vehicle

Our U-mount and compatibility with VESA 75 standard mounting enable easy installation in the best possible location on sit down, standing and extended reach forklifts, pallet jacks, yard mules, yard trucks, airport tugs and more.

The Intelligence to Manage Itself

The VC70N0 can sense and react to the environment without human intervention. It can: adjust the screen brightness for the available light, detect motion and "blank" the screen to ensure drivers keep their eyes on the "road", monitor the temperature to activate the heated touchscreen when required to prevent condensation from forming and impacting usability.

Customize for Your Specific Environments and Applications

Customize your VC70N0 to best meet your business needs with: glove-friendly alphanumeric or numeric keyboard; a corded or Bluetooth wireless scanner that can be paired with a quick scan of the pairing bar code printed on the VC70N0; a push-to-talk microphone and external 13 watt speaker, ready for collaboration with managers and co-workers; and a third-party Bluetooth headset for voice-directed solutions.

ACHIEVE NEW LEVELS OF PRODUCTIVITY AND THROUGHPUT IN YOUR TOUGHEST WAREHOUSE ENVIRONMENTS.

For more information about the VC70N0, visit **www.zebra.com/vc70n0** or access our global contact directory at **www.zebra.com/contact**

VC70N0 Specifications

PHYSICAL CHARACTERISTICS

Dimensions	11.5 in. L x 8.9 in. W x 2.4 in. D 291 mm L x 225.4 mm W x 60 mm D
Weight	9.4 lbs./4.3 kg
Construction	Cast aluminum with integrated 3D shockabsorbing mount
Keyboard Options	3 keyboards, all backlit with IP 66 sealing and tactile feedback: QWERT Y or AZERT Y, 65-key with function keys F1-F24; side-mounted 21-key Numeric/ Functional keypad
Power	External IP 66 sealed 9-60V DC/DC converter for all engines with 12V, 24V, 36V or 48V truck battery; External 100-240VAC power supply for AC-powered carts
Integrated Dualfunction Battery	Provides up to 30 minutes session persistence during forklift battery swap and up to 72 hours RAM backup
Display Type	10.4 in. color XGA (1024 x 768) LCD; 600 NIT LED backlit; resistive touchscreen; auto brightness control with ambient light sensor or manual control; motion sensing blanking
Display Defroster (optional)	Touch screen heater evaporates external condensation when moving out and in freezers
Interface Ports	Standard sealed and secured connectors: 1 RS-232 serial port with 5V/1.5A 1 RS-232 serial port with 5V/0.5A 2 USB port (host, 5V/1.5A) 1 USB OT G (service) CAN-Bus (J1939) 10/100Mbps Ethernet
Mounting	U-mount; standard RAM mount
Audio	Built-in front-mounted 2W speaker; external 13 watt speaker and external Push-To-Talk microphone that is ready for voice communication and voice-assisted applications

PERFORMANCE CHARACTERISTICS

CPU	TI OM AP 4430, Dual Core @1GHz
Operating System	Windows Embedded Compact 7 (WEC 7)
Memory	1GB RAM; 2GB Flash
Expansion Slot	Micro SD up to 32GB SDH C Class 10; user accessible
Terminal Emulation	Wavelink Terminal Emulation 3270, 5250, VT100, VT220; pre-loaded and pre-licensed
Additional Tested Software	RhoMobile Suite and Enterprise Mobility Developer's Kit (EMDK)

USER ENVIRONMENT

Operating Temp	-22° to 122° F/-30° to 50° C
Storage Temp	-40° to 158° F/-40° to 70° C
Humidity	5% to 95% condensing; integrated accessible and field-replaceable desiccant
Sealing	IP66
Integrated Sensors	Motion; humidity; temperature; ambient light; ignition
ESD	±15kV air discharge, ±8kV direct discharge
Vibration	MIL -STD 810G; Method 514.6 – Functional
Mechanical Shock	MIL -STD 810G; Method 516.6, Procedure 1 – Functional
Thermal Shock	-40° F to +158° F/-40° C to +70° C
Salt Fog	MIL -STD 810G (8 hours of 5% solution at 35° C)
Solar Radiation	IE C 68-2-5 Procedure A for 3 days
Altitude	15,000 ft./4,572 m above sea level

WIRELESS DATA COMMUNICATIONS

WLAN	IEEE 802.11a/b/g/n
Antenna	Internal WLAN diversity antenna; optional external WLAN antenna with diversity; internal Bluetooth antenna
WPAN	Bluetooth Class II , v2.1 EDR , 3 Mb/s Easy pairing/ unpairing labels

VOICE AND AUDIO

Audio	Built-in front-mounted 2W speaker; external 13 watt speaker and external Push-To-Talk microphone
Push-to-Talk	PTT (client included); PTT supported through external microphone, and integrated or external speaker
Voice Directed Picking	**TekSpeech Pro** Certified; compatible with 3rd party VDP clients

PRODUCT WARRANTY

Subject to the terms of Zebra's hardware warranty statement, the VC70N0 is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For complete warranty statement, go to: www.zebra.com/warranty.

RECOMMENDED SERVICES

The Zebra OneCare Service portfolio of Essential, Select and Premier maximizes the availability and productivity of your devices. Key features include 24/7 technical support, comprehensive coverage, advance replacement and software updates. Optional Visibility Services are available. For more information go to www.zebra.com/zebraonecare.

Specifications subject to change without notice.

Windows Embedded

WiFi® CERTIFIED

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