Author: Marc Bachmann

VC80 Vehicle Mount Mobile Computer Spec Sheet

EXTEND YOUR DESKTOP APPLICATIONS TO FORKLIFTS AND MORE WITH FULL WINDOWS SUPPORT

The VC80 makes it easy to give your forklift and other material handling equipment operators the real-time information they need to get the job done fast — and right. You get full Windows support — all the power you need to put your Warehouse Management System and other desktop applications at their fingertips. You get a super rugged design, built for your toughest warehouse conditions — including the freezer. You get the fastest wireless connections available to keep drivers connected to your data — and productive. And the compact design and flexible mounting options make it easy to install in even the most space constrained vehicles. The VC80 — real desktop power for your warehouse vehicles.

Freezer-ready for the coldest supply chain

You get true frost and condensation free operation with

touchscreen, board and battery heaters, plus smart temperature

sensors that automatically control heater and heating speed.

Maximum rugged design

The VC80 is ready for your toughest environments, with dustand-

water tight IP66 sealing, sealed connectors, and extreme

temperature, shock and vibration testing.

Easy to see indoors and outside

Choose either 1,000 NITs for a super bright screen that is easy

to see outdoors or 400 NITs for indoor operation.

Programmable keys to simplify the most complex operations

With six direct and six soft programmable keys, multi-step

processes can be executed with a one keypress, boosting

throughput and productivity.

Flexible data entry — touch or optional keyboard

The touchscreen's soft keyboard and haptic vibration feedback

make it easy to use touch input, even with the thickest gloves.

Or you can choose to mount an optional keyboard on the bottom

or side of the VC80.

Easier and More Efficient to Use

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Designed for voice in your loudest environments

The very loud front facing speaker and instantly accessible volume

control make it easy to hear scanner feedback and

app notifications.

Fits in virtually any warehouse/material handling vehicle

Multiple mounting options, including standard RAM mounts

combine with a compact size for an easy fit and easy mounting,

even in the smallest vehicles.

Power to support today's graphics-intensive applications

Get the power you need to deliver blazing speed for your

applications with your choice of a dual core 1.33 GHz with

2GB RAM or a quad core 1.91 GHz processor with 4GB RAM.

Superior flexibility — add bar code scanning, voice and more

Different workers need different capabilities. That's why the

VC80 offers all the ports you need to add bar code scanners,

mobile printers, a push-to-talk microphone and more.

Rock-solid fast wireless connectivity

With support for the latest wireless standards — 802.11a/b/g/n/ac

and Bluetooth 4.0 — plus a choice of internal or external antennas,

the VC80 can give your workers/deliver desktop wired-line style

performance on the most complex applications.

Repairable, right on the spot

Since the touchscreen — the most frequently damaged component

— is field replaceable, trips to the service depot

are eliminated, increasing device availability and your return

on investment.

Pair Bluetooth devices in a split second

Need a separate handheld scanner? With a quick scan of the

pairing bar code printed on the VC80 with Zebra's cordless LS3478

or DS3578 scanners, your workers are up and running.

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Comprehensive Windows operating system (OS) support

The VC80 supports Embedded Standard 7 or Windows 7

Professional, and is Windows 10 ready, making it easy to extend

virtually any PC-based app to your warehouse vehicles.

PUT REAL DESKTOP POWER IN YOUR WAREHOUSE VEHICLES WITH THE VC80.

FOR MORE INFORMATION, VISIT WWW.ZEBRA.COM/VC80 OR ACCESS OUR

GLOBAL CONTACT DIRECTORY AT WWW.ZEBRA.COM/CONTACT

VC80 Specifications

PHYSICAL CHARACTERISTICS	
Dimensions	10.4 in. L x 9.3 in. W x 3.5 in. D 265 mm L x 235 mm W x 90 mm D
Weight	8.6 lbs./3.9 kg
Keyboard Options	External QWERTY and AZERTY, optional L-mount
Power	Internal power supply 12-48V nominal, designed for forklift power
UPS and Backup Battery	Rechargeable UPS battery for operation during power loss; internal rechargeable battery for multiple months of real-time clock backup
Display	10.4 in. color XGA (1024 x 768) LCD; 32-bit color depth; choice of 400 or 1,000 NITs; 24-bit; LED backlight
Touchscreen	Resistive touchscreen with passive stylus or finger operation Freezer version: integrated touchscreen heater evaporates external condensation when moving out of and into freezers
Keys	Six (6) programmable macro keys; keyboard key; volume; brightness; blue key for 2nd level functions; on/off key
Interface Ports	Standard sealed and secured connectors: 2 RS-232 serial ports; 1 standard USB port; 1 powered USB port; 1 3.5mm audio jack;

	optional Ethernet (10/100/1000 Mbps) or isolated CAN port with SAE J1929 support
Indicators	Power LED; warning LED; blue key status LED
Scanner Support	Handheld scanners and imagers connected via USB, RS-232 or Bluetooth
Mounting	Quick release mount; standard RAM mounts; adapters for legacy vehicle computer mounts

USER ENVIRONMENT

OPERATING TEMP	-22° to 122° F/-30° to 50° C
Storage Temp.	-22° to 140° F/-30° to 60° C

USER ENVIRONMENT (continued)

Dimensions	10.4 in. L x 9.3 in. W x 3.5 in. D 265 mm L x 235 mm W x 90 mm D
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ACCESSORIES

Corded scanners; cordless scanners; antennas; push-to-talk speaker/ microphone; keyboards; keyboard mounts; adaptation kits (power cables) for drop in replacements of legacy vehicle mount computer installations; quick release mount; RAM mounts; scanner holder (for a complete list of accessories, visit www.zebra.com/vc80)

WARRANTY

Subject to the terms of Zebra's hardware warranty statement, the VC80 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: http://www.zebra.com/warranty.

RECOMMENDED SERVICES

Zebra OneCare Select