VC80 Vehicle Mount Mobile Computer

GET THE FULL WINDOWS SUPPORT YOU NEED TO PUT YOUR DESKTOP APPLICATIONS AT THE FINGERTIPS OF YOUR VEHICLE OPERATORS

With the VC80, you can give operators in material handling vehicles mobile access to the desktop applications they need to complete tasks faster and more accurately. You get full Windows support in a super rugged design built for your toughest indoor and outdoor environments — from warehouses and distribution centers to airports, seaports, railway yards and more — plus the fastest wireless connections available to keep workers connected to your data and productive. And with its compact design and flexible mounting options, it's easy to install in forklifts, clamp trucks, yard mules, cranes and more. The VC80 — real desktop power to handle your mobile application needs.

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. And a 10-second quick release mount makes it easy to move the VC80 to another vehicle during vehicle maintenance or device repair.

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.

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 Wi-Fi connectivity
With support for the latest Wi-Fi standards — 802.11a/b/g/n/ac — plus a choice of internal or external antennas, the VC80 can 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 LS3478 or DS3578 handheld or RS507 ring-style cordless scanners, your workers are up and running.

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 material handling vehicles.

Put real desktop power in your warehouse vehicles with the VC80.
For more information about the VC80 Mobile Computer, visit www.zebra.com/vc80 or access our global contact directory at www.zebra.com/contact
### VC80 Specifications Chart

#### PHYSICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>10.4 in. L x 9.3 in. W x 3.5 in. D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>8.6 lbs./3.9 kg</td>
</tr>
<tr>
<td>Keyboard Options</td>
<td>External QWERTY and AZERTY, optional L-mount</td>
</tr>
<tr>
<td>Power</td>
<td>Internal power supply 12-48V nominal, designed for forklift power</td>
</tr>
<tr>
<td>UPS and Backup Battery</td>
<td>Rechargeable UPS battery for operation during power loss; internal rechargeable battery for multiple months of real-time clock backup</td>
</tr>
<tr>
<td>Display</td>
<td>10.4 in. color XGA(1024 x 768) LCD; 24-bit color depth; choice of 400 or 1,000 NITs, LED backlight</td>
</tr>
<tr>
<td>Touchscreen</td>
<td>Resistive touchscreen with passive stylus or finger operation</td>
</tr>
<tr>
<td>Keys</td>
<td>Six (6) programmable macro keys; keyboard key; volume; brightness; blue key for 2nd level functions; on/off key</td>
</tr>
<tr>
<td>Interface Ports</td>
<td>Standard sealed and secured connectors; 2 RS-232 serial ports; 1 standard USB port; 1 powered USB port; 1.3 mm audio jack; optional Ethernet (10/100/1000 Mbps) or isolated CAN port with SAE J1939 support</td>
</tr>
<tr>
<td>Indicators</td>
<td>Power LED; warning LED; blue key status LED</td>
</tr>
<tr>
<td>Scanner Support</td>
<td>Handheld scanners and imagers connected via USB, RS-232 or Bluetooth</td>
</tr>
<tr>
<td>Mounting</td>
<td>Quick release mount, standard RAM mounts; adapters for legacy vehicle computer mounts</td>
</tr>
</tbody>
</table>

#### PERFORMANCE CHARACTERISTICS

- **CPU and RAM**: Intel® E3825 Dual Core, 1.33 GHz with 2 GB RAM or Intel® E3845 Quad Core, 1.91 GHz with 4 GB RAM
- **Operating System**: Windows Embedded Standard 7, 64 bit, Windows 7 Professional, 64 bit, Windows 10 ready
- **Mass Storage**: mSATA SSD: 32 or 64 GB
- **Internal Expansion Slots**: Two (2) PCIe mini slots (one standard, one optional); one (1) M.2 slot
- **Additional Software**: My-T-Soft configurable on-screen keyboard; Scanner Wedge with code manipulations; Scanner Management Service (SMS)
- **Optional Software**: TekTerm Terminal Emulation (TE) 3270, 5250, VT100, VT220 (pre-loaded and pre-licensed on specific models); TekTerm, Mobile Device Management
- **Application Development**: Standard Windows plus VMI additions

#### USER ENVIRONMENT

- **Humidity**: 5% to 95% non-condensing (standard version) 5% to 95% condensing (freezer version with internal heating)
- **Sealing**: IP66
- **Thermal Shock**: -22° to 122° F/ -30° to 50° C
- **Shock/Vibration**: IEC 60721-3-3M3; MIL-STD 810G; Method 516.6; MIL-STD 810G; Method 516.6
- **Salt Fog**: 48 hours of 5% solution at 35° C
- **Solar Radiation**: MIL STD 810-G; Procedure I
- **Integrated Sensors**: Motion (accelerometer); temperature; ignition
- **ESD**: ±15kV air discharge, ±8kV direct discharge

#### WIRELESS DATA COMMUNICATIONS

- **WLAN**: IEEE 802.11a/b/g/n/ac 2x2 MIMO
- **WLAN Antennas**: Internal or external
- **WPAN**: Bluetooth V2.1 + EDR (Windows 7/10); Bluetooth V4.0 Smart Ready (Windows 10)
- **GPS**: Optional with DGPS support

#### VOICE AND AUDIO

- **Audio**: High volume 87 dBA speaker
- **Push-to-Talk**: External optional speaker/microphone

#### REGULATORY

<table>
<thead>
<tr>
<th>Industry</th>
<th>Standards/Regulations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electrical Safety</strong></td>
<td>UL/cUL/IEC 60950-1 Indoor use and UL/cUL/IEC 60950-22 Outdoor use</td>
</tr>
<tr>
<td><strong>EMI/RFI</strong></td>
<td>North America: FCC Part 15, Class B Canada: ICES 003 Class B EU: EN55022, EN 301 489-1, EN 301 489-17</td>
</tr>
<tr>
<td><strong>Environmental</strong></td>
<td>RoHS/WEEE/REACH compliant</td>
</tr>
<tr>
<td><strong>Flammability</strong></td>
<td>IEC UL94-V0</td>
</tr>
</tbody>
</table>

#### 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)

### The VC80 is ideal in...

#### Industries
- Warehousing
- Distribution
- Transportation & Logistics
- Manufacturing

#### Environments
- Freezers
- Outdoor yards
- Airports
- Seaports
- Railway yards

#### Applications
- Receiving
- Picking
- Packing
- Shipping
- Replenishment
- Cross-dock
- Work in Process (WIP)