

Dolphin® 9500 Mobile Computer with Microsoft® Pocket PC



Features

Microsoft® Pocket PC 2002 Professional Operating System

Rugged Construction - Operates in harsh environments and withstands rough treatment.

Sleek, Ergonomic Design - Facilitates comfortable single-handed full-shift data collection

Integrated Imaging Technology - Provides instant point-and-shoot 1D & 2D bar code scanning, captures signatures, and takes pictures.

*Co-existing WWAN, WLAN and/or WPAN Wireless Radios -
- Wireless Local Area Network (WLAN) - WiFi™ - compliant 802.11b communications*

- Wireless Wide Area Network (WWAN) - GSM/GPRS

- Wireless Personal Area Network (WPAN) - Bluetooth

Large Color 1/4 VGA Display with Touch screen - Backlit display provides easy viewing in most lighting conditions

Lithium Ion Battery Pack - 14.8 watt-hours ensure long battery operation time with WLAN and scan-intensive applications.

User Accessible Secure Digital (SD) Slot - Provides up to 256 MB of additional memory for data storage and back-up.

Multiple Keyboard Options - Intuitive, optimized layouts for various applications.

The Dolphin® 9500 mobile computer is a true solution for both in-transit and in-premise applications. The computer's light weight, ergonomic, rugged design provides the ultimate in flexibility needed for robust mobile applications. The versatile Dolphin 9500 is optimal for use in package delivery, field service, route accounting, warehousing, retail and industrial/manufacturing applications, just to name a few.

The Dolphin 9500 is equipped with all the features needed for these mobile applications, including the state-of-the-art Intel® X-Scale processor and the Pocket PC operating system platform, lithium-ion battery technology with extended life performance, an optional color display and WLAN, WWAN and/or WPAN support.

Wireless communications with Dolphin 9500 is versatile with co-existing WiFi™ -compliant 802.11b WLAN and GSM/GPRS WWAN radios integrated into the terminal. That, in addition to the open software architecture, make the Dolphin 9500 a complete solution for a variety of mobile data collection applications.

The Dolphin 9500 has a full line of peripherals for charging and communications. These include a charging and communication cradle, an industrial mobile cradle, a multi-slot Ethernet cradle, and a multi-slot battery charger.

To learn how the Dolphin 9500 can work for you, contact us at any of the locations listed on the back or visit us at www.hhp.com.



System Architecture

Processor:	Intel® X-Scale PXA255 400MHz
Operating System:	Microsoft® Pocket PC 2002 Professional Edition
Memory:	64MB RAM x 32MB Non-volatile Flash

Data Inputs

Imager/Scanner:	IT4000 SR scans from 2.5 to 12.5 in. (6.3 to 32 cm.) <i>Specifications are for 100% UPC Code.</i>
1D Symbologies Read:	Code 3 of 9, Interleaved 2 or 5, EAN, Codabar, Code 128, Plessey, Code 11, Code 93, UPC, RSS
2D Symbologies Read:	PDF417, MaxiCode, Data Matrix, QR, RSS Composite, EAN.UCC, Aztec, OCR
OCR Fonts:	OCR-A, OCR-B
Keyboard:	Three backlit keyboard options: 35-key numeric-shifted alpha 43-key alpha-shifted numeric 56-key full alpha/numeric

Data Outputs

Display:	240 x 320 pixel Color TFT 1/4 non-touch screen VGA with backlight; touch screen OR 240 x 320 pixel Monochrome 1/4 screen VGA with backlight; touch screen
Display Orientation:	Portrait mode
I/O Ports:	Industrial mechanical connector – supports charging and communications (USB & serial) via cradles or AC adapter / comm cable, IrDA port-Integrated, Speaker-Integrated, Microphone-Integrated, Headset-jack
Mass Storage:	Optional 64MB, 128MB, 256MB SD (Secure Digital) memory - user accessible

Co-existent Wireless Radio Options

WLAN:	IEEE 802.11b DSSS WLAN radio
WWAN:	GSM/GPRS WWAN radio with accessible SIM card
PAN:	Bluetooth™ radio
Battery:	Lithium-Ion battery technology – 7.4V, 14.8 watt-hour main battery (2x2000 mAh cells), hot-swappable for easy battery replacement

Structural

Dimensions:	9.6"L x 3.45"W x 1.66"D at display (24.53 x 8.76 x 4.23 cm), 2.7"W x 1.5"D at grip (6.9 x 3.8 cm)
Weight:	Batch: 19.7 oz. (558 gm); WLAN: 20.2 oz. (573 gm), WPAN: 20 oz. (567 gm), WLAN/WPAN: 20.3 oz. (576 gm)
Other:	Integrated ergonomic stylus – optional tether; removable, Integrated hand strap

Environmental

Temperature:	
Operating Temperature:	14 to 122°F (-10°C to 55°C)
Storage Temperature:	-22 to 176°F (-30°C to 80°C)
Electrical Static Discharge:	15 kv on all surfaces
Structural:	Withstands multiple 5ft. (1.5m) drops to concrete; Independently certified to meet IP-64 standards for moisture and particle resistance
Regulatory Approvals	FCC-CE-Radio Country Approvals: US/Canada, R&TTE, WiFi™ compliant
Peripherals	Desktop HomeBase™ with RS-232 and USB support 4-bay Li-Ion Battery QuadCharger™, Mobile Base Cigarette Lighter Mobile Charging Cable; Charging and Communication Cables; Holsters and Protective Enclosures
Third-Party Software	Support for Connect Terminal Emulation software (TNVT, 3270, 5250)-Insignia Solutions Jeode JVM

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