Dolphin® 7600 Mobile Computer

powered by
Adaptus™
imaging technology 5.0

Overview

The Dolphin 7600 is Hand Held Products most compact mobile computer, offering a range of features and functionality superior to other devices in its class. Combining the data collection and communication attributes of an industrial grade mobile computer with a more compact and cost-effective design, the 7600 finally offers you the opportunity to deploy a powerful and reliable productivity tool, without hurting your bottom line.

The 7600 is perfect for the user that is constantly on the move. Its small, lightweight, and ergonomic design offers workers easy, comfortable, one-handed use as opposed to the heavy, bulky data collection devices that can cause worker fatigue and repetitive stress injuries. The 7600 is easy to hold and easy to use, which can help improve productivity in the field.

Featuring Adaptus Imaging Technology 5.0 and wireless LAN communication, the 7600 gives users the ability to collect, manage, and communicate data effectively and efficiently. Advanced power management ensures that the device is up and running for the duration of a work shift.

Purpose-built for light industrial applications, the 7600 delivers the durability and reliability you expect when investing in a Dolphin mobile computer, making it ideal for use in retail, parcel delivery, postal, route accounting, field services, warehousing, and task management applications.

The Dolphin 7600 Advantage

Premium Features

Small, Ergonomic Design: Contoured, narrow body with an integrated finger saddle and angled image engine for comfortable one-handed use.

Engineered for Durability: Constructed for reliable use in light industrial applications–in the field and on-site.

Full Shift Power Management: Powers an entire work shift of use, delivering uninterrupted data processing for enhanced worker productivity and reduced battery replacement costs.

Versatile, High Performance Data Collection: Adaptus™ Imaging Technology 5.0 reads linear and 2D bar codes and captures digital images, giving you the ability to process and manage more data with a single device than ever before.

Industry Standard Features

Microsoft® Windows® CE 5.0: Powerful, industry standard platform for developers and users, simplifying integration and ensuring intuitive operation.

Wireless Local Area Networking (WLAN): Integrated 802.11b/g provides workers continuous real-time network access to mission critical information throughout the enterprise.

Vibrant Color Display: 2.8 in. ¼ VGA color display provides easy viewing and touch screen use.

Backlit Numeric 29-key Keyboard: Strategic key placement enables efficient one-handed operation while the backlight increases usability in most lighting conditions.

Broad Connectivity: Connect easily to external devices via USB, Bluetooth®, IrDA, and serial connectivity.

Dolphin 7600 Specifications

Basic Features

Operating System	Microsoft Windows CE 5.0
Development Environment	SDK for C/C++, C#, and Visual Basic developers for Windows CE 5.0 (requires Visual Studio 2005 Professional editions or higher)
Supported Software	PowerNet™ Terminal Emulation (TNVT, 3270, 5250), Hand Held Products MSM (remote device management), and ITScriptNet
Installed Applications	Hand Held Products Power Tools and Demos and ITScriptNet Ready-To-Go applications
CPU	Samsung 2440 400 MHz
Memory	64MB RAM X 128MB Flash (standard) 128MB RAM X 128MB Flash (optional)
Mass Storage	User-accessible memory expansion slot for SD or MMC flash memory cards
Display	2.8 in. 1/4 VGA, 240 X 320, TFT color display with touch screen
Image Engine	5300SR VGA Area Imager with High-Vis bracket aimer Caution - use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
Keypad	29-key numeric-shifted alpha keyboard Backlit Six programmable function keys
Sound/ Voice	On-board speaker, microphone, and standard headset jack
Communications	RS-232/USB connector, IrDA port
Power	Li-ion battery 3.7V / 2200 mAh / 8.1 Wh (standard) Li-ion battery 3.7V / 3240 mAh / 12.0 Wh (optional)
Charging	5.0V DC input through side access or USB/Serial connector
Charging Peripherals	AC wall adapter Charge/Communication Cable **HomeBase:** Single-bay terminal charger **QuadCharger:** Four-bay battery charger

LASER LIGHT. DO NOT STARE INTO BEAM
CLASS 2 LASER PRODUCT
1.0 mW MAX OUTPUT: 650nM
IEC60825-1:1993+A1+A2
Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated July 26, 2001.

Wireless

WPAN (standard)	Bluetooth Class 2, version 1.2
WLAN (optional)	802.11b/g
WLAN Security	WEP, 802.1x, LEAP, TKIP, MD5, EAP-TLS, EAP-TTLS, WPA-PSK, and PEAP
Co-Located/Operational	Two radios: WLAN/WPAN

Physical

Operating Temperature	14° to 122°F (-10° to 50°C)
Charging Temperature	32° to 104°F (0° to 40°C)
Relative Humidity	95% humidity (non-condensing)
Construction	High impact resistant PC/ABS housings Magnesium alloy internal chassis with component shock mounts
Structural	4 ft. (1.2m) multiple drops to concrete, all axis, and across operating temperature range
ESD	**Air:** +/- 12k Vdc **Direct:** +/- 8k Vdc
Environmental	IP54 rating rated for blown dust and water intrusion
Dimensions	7 in. long X 2.7 in. wide X 1.8 in. deep (17.8 cm. long X 6.9 cm. wide X 4.6 cm. deep)
Weight	Approximately 11.7 oz./332 g
Regulatory and Compliance	**Safety:** cUL 60950, NOM, EN60950, BSMI CN14336, CCC GB4943, PSB, SIRIM **EMC:** FCC Part 15 Class B, ICES-003, EN 301 489-1, EN 301 489-17, EN55022, EN55024, BSMI CNS13438, CCC GB9254, MIC, AS/NZS 3548 **Radio:** FCC 15.247, RSS-210, COFETEL, EN 300 328-1, EN 300 328-2, SRRC ETS 300 328, IDA, SIRIM, MIC, ARIB STD-T33 & T66, AS/NZS 4771

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