

Dolphin 7600

Mobile Computer

The Dolphin 7600 device is Honeywell's 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 offers users the opportunity to deploy a powerful and reliable productivity tool.

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.

To provide seamless data and voice communications, the 7600 features an integrated triple-radio design for Wireless Full Area Networking (WFAN)[™] technology – combining Bluetooth[®], 802.11 and GSM/GPRS EDGE to provide reliable real-time information access and exchange anytime, anywhere. Full shift power management provides continuous and uninterrupted runtime, even when used in full time wireless, scan-intensive environments.

Powered by Adaptus[®] Imaging Technology 5.0, the 7600 delivers the broadest suite of advanced data capture capabilities, including linear and 2D bar code scanning, digital image capture, and intelligent signature capture, allowing users to increase efficiency and customer service.

Purpose-built for light industrial applications, the 7600 is ideal for use in retail, parcel delivery, postal, route accounting, field services, warehousing, and task management applications.



Features

- **Small, Ergonomic Design:** Contoured, narrow body with an integrated finger saddle and angled image engine for comfortable one-handed use
- **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
- **Windows Mobile[®] 6.0 or Windows[®] CE 5.0:** Powerful, industry standard platforms for developers and users, simplifying integration and ensuring intuitive operation
- **Engineered for Durability:** Constructed for reliable use in light industrial applications—in the field and on-site
- **Wireless Full Area Networking (WFAN) Technology:** Integrated WAN, LAN, and PAN for real-time data exchange and voice communications keeps users continually connected to mission critical information
- **Vibrant Color Display:** 2.8 in. ¼ VGA color display provides easy viewing and touch screen use
- **Backlit Numeric and Alpha Keyboards:** 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 Technical Specifications

Basic Features

Operating System:	BT & BT/WLAN Configurations: Windows CE 5.0 or Windows Mobile 6 Classic; SM Configurations: Windows Mobile 6 ProfessionalG
Development Environment:	Honeywell SDK for Windows Mobile 6.0
Supported Software:	SOTI MobiControl (remote device management), PowerNet™ Terminal Emulation (TNVT, 3270, 5250), and ITScriptNet™
Installed Applications:	Honeywell Power Tools and Demos and ITScriptNet Ready-To-Go applications
CPU:	Samsung 2440 400 MHz
Memory:	128MB RAM X 128MB Flash
Mass Storage:	BT & BT/WLAN Configurations: User-accessible memory expansion slot for SD or MMC flash memory cards GSM Configurations: User-accessible microSD™/microSDHC™
Display:	2.8 in. 1/4 VGA, 240 X 320, TFT color display with touch screen
Keyboards:	29-key numeric keyboard with shifted alpha and six(6) programmable keys; 38-key alpha keyboard with shifted numeric and two(2) programmable keys; Backlit
Sound/ Voice:	On-board speaker, microphone, and standard 2.5mm headset jack
Communications:	RS-232/USB connector, IrDA port
Power:	Li-ion battery 3.7V / 2200 mAh / 8.1 Wh (standard) OR 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

Imager Scanner Engines

Available Engines:	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.
1D Symbolologies:	Codabar, Code 3 of 9, Code 11, Code 32, Pharmaceutical (PARAF), Code 93, Code 128, EAN with Add-On, EAN with Extended Coupon Code, EAN-8, EAN-13, GS1-128, GS1 Databar, Interleaved 2 or 5, ISBT 128, Matrix 2 of 5, MSI, Plessey, PosiCode, Straight 2 of 5 IATA, Straight 2 of 5 Industrial, Telepen, Trioptic Code, UPC, UPC-A, and UPC-E
2D Symbolologies:	Aztec, Codablock, Code 16K, Code 49, Composite, Data Matrix, GS1 Databar, MaxiCode, Micro PDF, OCR, PDF417, and QR Code
Composite Codes:	Aztec Mesa, Codablock F, EAN-UCC, GS1 Databar-14
OCR:	OCR-A, OCR-B, OCR-US Money Font
Postal Codes:	Postnet and most international 4 state codes, Australian Post, British Post, Canadian Post, China Post, Japanese Post, KIX (Netherlands) Post, Korea Post, Planet Code

Wireless

WWAN (optional):	Quad Band: GSM 850/900/1800/1900MHz, GSM release 99, EDGE multi-slot class 12, GPRS multi-slot class 12
WLAN (optional):	802.11b/g
WLAN Security:	WEP, WPA Personal/Enterprise, WPA2 Personal/Enterprise, EAP-TLS, TTLS, LEAP, PEAP, WiFi (WPA2), Cisco CCX v4 (pending)
WPAN (standard):	Bluetooth Class 2, version 1.2
Co-Located/Operational:	Three radios: WPAN/WLAN/WWAN

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:	5 ft. (1.5m) 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:	BT & BT/WLAN Configurations: 7.0 in. long X 2.7 in. wide X 1.7 in. deep (17.8 cm. long X 6.9 cm. wide X 4.2 cm. deep); GSM Configurations: 7.1 in. long X 2.7 in. wide X 1.9 in. deep (18 cm. long X 6.9 cm. wide X 4.7 cm. deep)
Weight:	BT & BT/WLAN Configurations: Approximately 11.7 oz./332g; GSM configurations: Approximately 14.3 oz./406g
Regulatory & Compliance:	Safety: cUL 60950, NOM, EN60950, BSMI CN14336, CCC GB4943, PSB, SIRIM EMC: FCC Part 15 Class B, ICES-003, EN301 489-1, EN301 489-17, EN55022, EN55024, BSMI CNS13438, CCC GB9254, MIC, AS/NZS 3548, FCC Parts 22H & 24H, FCC SAR OET 65, EN301511, RSS-132/133 Radio: FCC 15.247, RSS-210, COFE TEL, EN300 328-1, EN300 328-2, SRRC ETS 300 328, IDA, SIRIM, MIC, ARIB STD-T33 & T66, AS/NZS 4771

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Honeywell Security & Data Collection



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