

Dolphin 99GX Mobile Computer

Purpose built for transportation and logistics applications, Honeywell's Dolphin® 99GX mobile computer with an integrated handle provides user-friendly ergonomics, cutting-edge wireless technology, multi-functional data capture and extreme durability for frontline workers operating in a variety of locations ranging from loading docks to retail.

The reliable and intuitive Dolphin 99GX delivers an outstanding feature set that enables improved productivity for mobile workers. Integrated Shift-PLUS™ technology provides all day battery life, minimizing the time and expense incurred when batteries need to be charged or replaced. The Dolphin 99GX is IP64-rated and can withstand multiple 6 feet (1.8 meters) drops to concrete, ensuring years of trouble-free operation.

The 99GX features the latest in wireless technology, including a software-definable radio that allows on-the-fly switching between GSM and CDMA networks, leading to improved network coverage and lower costs related to device provisioning and deployment. Additionally, built-in Wi-Fi provides workers with access to critical data using the new, lightning fast 802.11n standard while still supporting legacy a/b/g protocols.

Integrated motion, light and proximity sensors help conserve battery life and improve ease of use by automatically optimizing the offering for the current environment. Similarly, multiple keypad options are available to ensure that the device is configured to



The Dolphin 99GX increases productivity by connecting enterprise, frontline workers and customers.

meet diverse data input needs. With additional features such as an ultra-bright 3.7 inch display that can be read, even in direct sunlight, the Dolphin 99GX offers superior usability.

Designed with input from leading companies in the transportation and logistics sector, Honeywell's Dolphin 99GX mobile computer provides a rugged solution that increases productivity by connecting enterprises, frontline workers and customers using real-time wireless communication.

FEATURES & BENEFITS



Incorporates an IP64-rated design that withstands multiple 6 feet drops to concrete and 2,000 1 meter tumbles, resulting in a lower total cost of ownership for enterprises



Enhances productivity by providing full shift battery life, eliminating the need for employees to carry spare batteries or chargers



Enables multi-functional data capture by providing fast scanning of linear and 2D bar codes with excellent motion tolerance, as well as seamless image capture



Delivers full wireless coverage for applications inside and outside of the four walls, allowing real-time access to critical data



Offer comprehensive, hassle-free protection on the device investment for up to five years after purchase, extending the product life expectancy beyond the norm for consumer grade devices.

Dolphin 99GX Technical Specifications

MECHANICAL/ENVIRONMENTAL

Dimensions: 8.5" L x 2.7" W (keypad) x 1.5" (standard battery)/1.8" (extended battery)
215 mm L x 69 mm W (keypad) x 39 mm (standard battery)/45mm (extended battery)
Weight: Standard battery – 621g (21.9 oz.); Extended battery – 700g (24.7 oz.)
Operating Temperature: -4° to 122°F (-20° to 50°C)
Storage Temperature: -13° to 158°F (-25° to 70°C)
Humidity: 95% humidity, non-condensing
Drop: Withstands multiple 6' (1.8m) drops to concrete, all axis, and across operating temperature range
Tumble: Up to 2,000 (1m) tumbles per IEC 60068-2-32 specification
Environmental Sealing: Independently certified to meet IP64 standards for moisture and particle resistance
ESD: Air: ±15 KV; Contact: ±8 KV

SYSTEM ARCHITECTURE

Processor: Texas Instruments® OMAP3715 1.0GHz processor
Operating System: Microsoft® Windows Embedded Handheld 6.5 Professional and Classic
Memory: 1GB discrete NAND flash x 512 MB RAM
Display: Chemically strengthened 3.7" transreflective active matrix glass display, VGA (480x640), 333 nits
Touch Panel: Industrial touch panel with resistive touch and support for finger touch and stylus
Keypad: Backlit 55-key alphanumeric, 43-key alpha shifted numeric, 34-key numeric shifted alpha (phone or calculator style)

Audio: Speaker, microphone
I/O Ports: RS-232/USB 2.0/audio out/charging connector, integrated IrDA port with support for SIR mode
Storage Expansion: User accessible Micro SDHC memory card slot. Please check current price guide for available qualified card options
Battery: Standard – Li-ion, 3.7V, 3060mAh; Extended – Li-ion, 3.7V, 5000mAh
Battery Life: *Standard/Extended:* 9 hours/15.5 hours (scanning and sending data over WLAN every 9 seconds)
Standard/Extended: 8 hours/14.75 hours (scanning and sending data over WWAN every 15 seconds)

Imager/Scanner: N5600/5603 Standard range (SR), Extended range (ER), and High Density (HD) imagers with high-visibility laser or green LED aimer. All imagers have 25° angle and come equipped with Adaptors 6.0 Imaging Technology
Decode Capabilities: Reads standard 1D and 2D symbologies
Development Environment: Honeywell SDK for Windows® Embedded
Warranty: 1 year factory warranty
Service Plans: Optional three-and five-year Service Made Simple programs offer worry-free mobile computing

WIRELESS CONNECTIVITY

WWAN: Software definable Gobi 3000 (data only): 3.9G – HSPA+/UMTS (800/850/900/1700/1900/2100MHz), GSM GPRS/ EDGE (850/900/1800/1900MHz), EVDO Rev A - 1xRTT/ EVDO (800/1900 MHz); support for dual SIM card
WLAN: 802.11a/b/g/n, Wi-Fi™ - certified
WLAN Security: WPA, WPA2 (Personal and Enterprise), 802.1x, EAP-TLS, EAP-TTLS/ MSCHAPv2, PEAPv0/EAP-MSCHAPv2, PEAPv1/EAP-GTC, WMM, CWG-RF Profile, CCX v.4, WAPI
WPAN: Bluetooth® V2.1, support for enhanced data rate 2.0 Mbps & 3.0 Mbps rates class II

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Honeywell Scanning & Mobility

9680 Old Bailes Road
Fort Mill, SC 29707
800-582-4263
www.honeywell.com

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