

# O5100

## Mobile Computer

Honeywell's O5100 is a lightweight and reliable mobile computer that provides versatile data collection for communications within in-premise applications including data lookup/audits, inventory management, customer assistance, and merchandising.

Designed with ergonomics in mind, the O5100 can be operated with a single hand. This pocket-sized mobile computer also features an angled engine—laser or imaging—that allows users to view the screen while scanning a bar code.

The flexible O5100 can be configured to meet the specific needs of end users. An imaging engine that enables reading of virtually all linear and 2D bar codes is available, allowing enterprises to increase efficiency and improve customer service. Additionally, enterprises can select a touch screen option to enhance ease-of-use for touch screen based graphical applications on the O5100's 2.4" color QVGA screen.

Built to withstand harsh conditions, the IP54 rated O5100 can endure exposure to dust, dirt and splashing water, as well as accidental drops from distances as high as 1.2 meters.

While engineered to support rapid batch data collection, optional 802.11b/g and Bluetooth® wireless technology provides users with access to critical data throughout the enterprise and facilitates efficient wireless connection to peripheral devices, respectively.

Purpose built for in-premise applications, Honeywell's O5100 mobile computer provides mobile workers with an optimal blend of ergonomics, performance, and reliability.



## Features

- **Ergonomic Design:** Ultra-lightweight device provides instinctive data entry and comfortable single-handed use in a slim form factor
- **Larger color screen:** 2.4" color QVGA screen enhances user experience for graphical applications; touch screen available as an option
- **Flexible Communication:** Supports batch mode and optional integration of 802.11b/g technology for real-time access to critical information
- **Microsoft® Windows CE 5.0 with PXA300 Processor:** Class-leading microprocessor with a powerful, familiar, and easy-to-use platform
- **Versatile Data Collection:** Offers both linear and 2D decoding options to meet customer needs and requirements

# O5100 Technical Specifications

## Mechanical/Environmental

Dimensions	157 x 57 x 41mm / 6.18 x 2.24 x 1.61 in.
Weight	< 231g including Standard battery pack
Operating Temperature	-10°C to +50°C
Storage Temperature	-20 ° to 70°C
Humidity	5% to 95%, non-condensing
Drop	4ft (1.2m)
Environmental Sealing	IP 54
ESD	± 8 kV direct discharge

## System Architecture

Processor	PXA300 624MHz
OS	Microsoft® Windows CE 5.0 Core
Memory	64MB RAM x 128MB Flash
Flash Memory	128MB Flash
Display	2.4"(240x320 pixels) QVGA * Touch screen option
Keypad	28-key Numeric (Alpha/ shift /function/navigation key)
Audio	Built -in Speaker
I/O Ports	Full speed USB 1.1 from cradle (or I/O cable); RS232 (115 Kbps) from cradle
Development Environment	SDK
Application Software	Basic application softwares and demos
Storage Expansion	Micro SD Card with capacity up to 32G
Battery	Li-Ion2,200mAh - STD & 3,300mAh - EXT
Expected Hours of Operation	8+ hours (with scan and continuously transmitting)*
Expected Charge Time	Less than 4 hours* -(0-40°C)
Imager/Scanner	Honeywell Laser / Imager
Decode Capabilities	Reads standard 1D and 2D symbologies
Warranty	1 year factory warranty

## Wireless Connectivity

WLAN	Dual Mode 802.11 b/g (11 Mbps/54 Mbps)
WLAN Security	WEP, WPA and WPA2
WPAN	Bluetooth® Class II (10 m) v2.0 Enhanced Data Rate (EDR)

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