

SP5700 OptimusPDA

Mobile Computer

Honeywell's SP5700 OptimusPDA™ mobile computer incorporates a Microsoft Windows-based platform, advanced wireless technologies and aggressive bar code scanning into an ergonomic and durable device.

The OptimusPDA provides professionals with a versatile solution for increasing productivity and responsiveness in mobile applications associated with retail and supply chain, field service, health care, parcel delivery, and transportation.

Lighter than most mobile computers, but just as powerful, OptimusPDA can be equipped with a variety of options, including a choice of bar code scanners, a two-mega-pixel camera and data-transfer options (USB & RS232).

By supporting standard wireless infrastructures (Bluetooth and WiFi 802.11 b/g and GSM/GPRS*), OptimusPDA dramatically boosts efficiency by giving mobile workers access to faster download speeds and higher bandwidth for communicating important information.

Confidential information stays confidential thanks to WiFi-protected access security measures engineered directly into the mobile computer's firmware.

A backlit 3½-inch touch screen, easy navigation and software development tools make customizing applications for even the toughest data-capture challenges a snap.

This IP54-rated mobile computer resists exposure to water, dust, driving rain and extreme temperatures. The OptimusPDA is also tough enough to bounce back from repeated 1.5-meter falls onto concrete.

For more information on the SP5700 OptimusPDA mobile computer, please visit www.honeywell.com/aidc



Features

- **Microsoft Windows CE.net platform with a Marvell PXA270 Processor:** Provides a powerful, familiar and easy-to-use platform
- **Durable IP54-Rated Design:** Withstands exposure to water, dust, driving rain and extreme temperatures; endures multiple drops onto concrete
- **Multiple Communication Options (Bluetooth, WiFi 802.11 b/g, GSM/GPRS*):** Increases data-transfer efficiency with access to faster download speeds and higher bandwidth
- **Lightweight Ergonomic Design:** Supports easy operation with pocket-sized shape and large backlit keypad
- **Flexible Kit Structure:** Reduces total cost of ownership by customizing options to specific requirements
- **Device Management:** Delivers advanced remote management and configuration options through Wavelink Avalanche™ software

SP5700 OptimusPDA Technical Specifications

System Architecture

CPU	Marvell XScale™ PXA270 520MHz
Operating System	Windows CE™ v5.0
Memory	Flash ROM: NAND 128MB, SD RAM: 128MB
Display	3.5" TFT 64K Color LCD with touch-screen
Storage Expansion	MiniSD card slot, R-UIM card slot (User accessible)
Battery	Main: 3.7V, 2200mAh Li-Ion rechargeable, replaceable pack; Back-up: 3.7V, 130mAh Li-Ion rechargeable
Imager/Scanner	5100 imager with aimer; IS4910 imager with aimer; laser scanner VLD 650 nm
Keypad	2 trigger, power, backlight, send, end, 4 way direction, function, enter key, user-selectable 12 key (Numeric, English), LED Backlight
I/O Ports	USB, RS232, IrDA
Development Environment	Microsoft SDK for Windows CE / Honeywell SDK
Third Party Software	Wavelink™ terminal emulation (5250, 3270, VT, HP); Wavelink Avalanche (RDM)

Wireless Connectivity*

WWAN	GSM/GPRS (900/1800/1900MHz)
WLAN	IEEE802.11 b/g (11Mbps/54Mbps)
WLAN Security	WPA2, NEP, TKIP, WPA2-PSK, AES
WPAN	Bluetooth Class 2, 2.5mw (dbm)
GPS	External GPS (optional)

Physical & Environmental

Dimensions	178 mm x 77 mm x 31 mm (7.0" x 3.0" x 1.2")
Weight	240 g (8.4 oz) (including barcode scanner, except battery)
Temperature	Operating: -20°C to 50°C (-4° F to 122° F); Storage: -30°C to 70°C (-22° F to 158° F)
Humidity	5% to 95% relative humidity, non-condensing
Drop	Designed to withstand 1.5 m (5') drops
Sealing	IP54
ESD	8KVDC on contact, 4KVDC on air

Regulatory & Compliance

Safety	UL 60950, CSA C22.2 No. 950 EN60950/IEC60950-1
EMC	CDRH Class II, IEC Class 2 in accordance with IEC950/IEC60950
Radio	FCC Part 15, RSS210 Class B, FCC Part 2 (SAR) ICES 003 Class B, EN 301 489-1, 489-17
Decode Capabilities	Reads standard 1D and 2D symbologies. Visit www.honeywell.com/aidc/symbologies for details.

*Availability may vary depending on country. Please contact your local Honeywell representative



For more information:

www.honeywell.com/aidc

Honeywell Security & Data Collection

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