



## SP5700 OptimusPDA™

**Metrologic'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, 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.

The OptimusPDA symbolizes Metrologic's four decade commitment to producing advanced and reliable devices that really work for you.

[www.metrologic.com/SP5700](http://www.metrologic.com/SP5700)



\*Availability may vary depending on country. Please check with your local Metrologic representative.

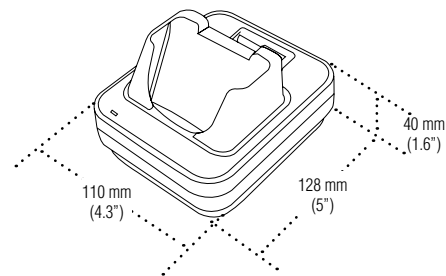
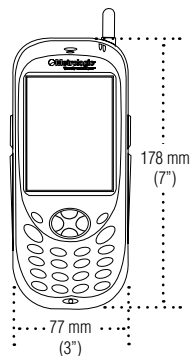
### Features

- Microsoft Windows CE.net V5.0 platform with a Marvell PXA270 520MHz Processor
- Durable IP54-rated Design
- Multiple Communications Options (Bluetooth, WiFi 802.11 b/g, GSM/GPRS\*)
- Lightweight Ergonomic Design
- Flexible Kit Structure

### Benefits

- Provides a powerful, familiar and easy-to-use platform
- Withstands exposure to water, dust, driving rain, and extreme temperatures; endures multiple drops onto concrete
- Increases data-transfer efficiency with access to faster download speeds and higher bandwidth
- Supports easy operation with pocket-sized shape and large backlit keypad
- Reduces total cost of ownership by customizing options to specific requirements

# SP5700 OptimusPDA



## PHYSICAL CHARACTERISTICS

Dimensions	77 mm W x 178 mm L x 31 mm (Head) H; 26 mm (Tail) H
Weight	240g (Including Barcode Scanner, Except Battery)
Drop Spec	Multiple 1.5 m drops to concrete
Environmental Sealing	IP54 (Dust protected, protected against splash water)
Operating Temp	-20°C to 50°C (Storage Temp.: -30°C to 70°C)
Humidity	5% to 95% RH non-condensing
Electrostatic Discharge (ESD)	8KVDC on contact, 4KVDC on air
Keypad	2 trigger, power, backlight, send, end, 4 way direction, function, enter key, user-selectable 12 key (Numeric, English), LED Backlight

## PERFORMANCE CHARACTERISTICS

CPU	Marvell XScale™ PXA270 Microprocessor (520MHz)
OS	Microsoft Windows CE™ (v5.0)
Memory	Flash ROM: NAND 128MB, SD RAM: 128MB
Display	3.5" TFT 64K Color LCD with touch-screen
Integrated Scanner	1D: UPC/EAN/KAN, Code 39/93/128, Interleaved 2 of 5, etc. 2D: PDF417, Data Matrix, QR code, Maxicode, etc.
Communications	USB, RS232, IrDA
WLAN (optional)	IEEE802.11 b/g (11Mbps/54Mbps)
WWAN (optional)*	GSM/GPRS
WPAN (optional)	Bluetooth Class II, 2.5mw (dbm)
Expansion	MiniSD card slot, R-UIM card slot (User accessible)
GPS	External GPS (optional)
Digital Camera	2MP Digital Camera (CMOS Type, optional)
PIMS	xPIMS (Today, Calendar, Task, Contacts, Notes, Inbox and PIMS backup)
Application Development	Microsoft SDK for Windows CE / Metrologic SDK
Host Connectivity	Microsoft Windows 95/98/NT/2000/2003/XP
Battery	Main: 3.7V, 2000mAh rechargeable, replaceable pack (Li-Ion) Sub: 3.7V, 130mAh rechargeable
Battery Life	3 to 72 hours (Application dependent)
Charging Time	Less than 3 hours

## REGULATORY

Electric Safety	UL 60950, CSA C22.2 No. 950 EN60950/IEC950
Laser Safety	CDRH Class II, IEC Class 2 in accordance with IEC950/IEC60825
EMI/RFI	FCC part 15, RSS210 Class B, FCC part 2 (SAR) ICES 003 Class B EN 301 489-1, 489-17

## ACCESSORIES



- 1 Slot Cradle**
- PDA/battery charging at the same time
  - I/O: USB, RS232
  - Charging Time: less than 3 hours



- 4 Slot Cradle**
- PDA/battery multi-charging at the same time
  - I/O: USB



- Vehicle Cradle**
- In-vehicle PDA charging
  - 12/24 V vehicle power adapter
  - I/O: USB



- Secondary Battery**
- 3.7V, 2000mAh rechargeable replaceable pack (Li-Ion)

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