

# PPT 8800 Series



With Windows Mobile™ 2003 Software for Pocket PCs

## ENTERPRISE PDA

### The New Standard for Mobile PDAs

The PPT 8800 with Windows Mobile™ 2003 software for Pocket PCs from Symbol Technologies delivers real-time information right into the hands of your mobile workforce with superior data collection, wireless communications and processing power plus the new Microsoft® operating system.

Its consumer-grade PDA styling, compact size and versatility makes the PPT 8800 with Windows Mobile 2003 software for Pocket PCs the ideal mobile computer for a variety of applications from field sales, service and delivery to public safety and more.



Market	Applications	Users
Healthcare	Medication administration	Nurses
	Positive patient ID	Doctors
	Inventory/supply management	Pharmacists
	Vital and specimen collection	
	Pharmacy and nursing orders	
	Tracking of records, X-rays, etc.	
Retail	Line-busting	Store Managers
	Receiving/put-away	Sales associates
	Inventory management	Receiving-dock personnel
	Price audits/changes	Stock-room personnel
	Portable point of sale	Supervisors
Hospitality	Guest check-in	Hotels and resorts
	Baggage check-in/ check-out	Amusement and entertainment
	Inventory Management	Casinos and gaming
	Property Management	Food and beverage
	Express Check-in	Convention centers
		Airlines/airports

### The Essential Tool for Mission-Critical Applications

Designed for mobile workers and managers within the enterprise who require a rugged, high-performance, handheld computer far more durable and reliable than typical consumer devices, the PPT 8800 with Windows Mobile 2003 software for Pocket PCs is powerful enough to execute mission-critical applications, yet small and light enough to be carried in a pocket or on the hip. Its versatile features support broad systems deployments, including ample memory capacity, USB client, AirBEAM®, IEEE 802.11b and Bluetooth™ connectivity, to name a few. The new Windows Mobile operating system from Microsoft enables you to quickly and easily port your existing applications, and standards-based APIs further enhance your capabilities in a familiar development environment.

### Deploy the PPT 8800 with Confidence

The PPT 8800 with Windows Mobile 2003 software for Pocket PCs helps you maximize the productivity of your mobile workforce. It's full line of software, peripherals, accessories and services add compelling value to the operations of companies and enterprises worldwide. This enterprise-friendly PDA expands on an existing line of Pocket PC-based mobile

Features	Benefits
Small and lightweight	Fits in your pocket or on the hip
Large vibrant color display	Easy to see in many environments
Extremely rugged	Endures extreme temperatures and multiple drops to concrete
Sealed to IP54 standards	Protects against water and dust to ensure reliable performance in rough conditions
1D laser bar code scanning with RSS support	Captures information accurately every time
Standards-based wireless networking: IEEE 802.11b (WLAN), Bluetooth™ (WPAN) or IEEE 802.11b/built-in Bluetooth coexistence solution	Enables real-time communications and decision making; secure mobile transactions and investment protection
Microsoft Windows Mobile 2003 software for Pocket PCs	Microsoft's latest standard operating system for handheld devices
Intel® XScale™ architecture running at 400 MHz	High-speed CPU performance for robust enterprise applications
Rechargeable/replaceable lithium-ion battery	Maximum usage between charges increases mobile worker efficiency
Backlit keypad options	Flexible functionality and keypad layout for targeted applications
Serial, USB and IrDA Connectivity	Provides multiple communication and charging options, and support for an array of snap-on accessories
Supports AirBEAM®	Enhances wireless device management specifically for enterprises

computing products from Symbol, with thousands of devices successfully installed in a variety of applications and industries. To find out how the PPT 8800 can increase your productivity and profitability, call any of our convenient locations or visit us at [www.symbol.com/mobile](http://www.symbol.com/mobile)

# PPT 8800 Specification Highlights

## Physical Characteristics

Dimensions:	1.28 in. H x 3.22 in. W x 5.75 in. L 32.4 mm H x 81.8 mm W x 146 mm L
Weight :	Batch with battery: 10.4 oz/295 g WLAN with battery: 11.1 oz/315 g
Display:	Transflective color TFT-LCD, 65K colors, 240 (W) x 320 (L) (QVGA size)
Touch Panel:	Glass analog resistive touch
Backlight:	LED backlight
Main Battery:	Rechargeable Lithium Ion 1700 mAh (3.7V)
Backup Battery:	Ni-MH battery (rechargeable), 15mAh (2.4V) 2 cells

## Performance Characteristics

CPU:	Intel® Xscale™ 400 Mhz processor
Operating Platform:	Microsoft Windows Mobile 2003 for Pocket PCs
Memory:	64 MB RAM/64 MB ROM
Compact Flash (CF) card slot:	Embedded Type II
Communications:	
Interface:	IrDA standard v1.2 (115 kbps) Serial RS-232 (115 kbps) USB Client
Embedded wireless options:	IEEE 802.11b Spectrum24® CF Bluetooth CF with Encryption support Dual-radio: Bluetooth module and WLAN Spectrum24® CF coexistence solution
Audio:	Speaker, microphone, headset jack
Notification:	LED, beeper or vibrator
Keypad Options:	Backlit standard PDA version and backlit 15-key with power button version
1D Decode Capability:	UPC/EAN/JAN, Code 39, Code 93, Code 128, Interleaved 2 of 5, Discrete 2 of 5, NW-7, UCC/EAN-128, RSS variants
LED Display:	Upper front center (amber and green)
Scan Triggers:	Left and right trigger buttons

## User Environment

Operating Temperature:	14° to 122° F/-10° to +50° C
Storage Temperature:	-13° to 158° F/-25° to 70° C
Environmental Sealing:	IP54 Category II
Humidity:	5% to 90% relative humidity (noncondensing)
Drop Specification:	4 ft./1.2 m drop to concrete
Ambient Light:	Indoor: 450 ft.-candles (4,842 LUX) Outdoor: 8,000 ft.-candles (86,112 LUX)
Electrostatic Discharge (ESD):	±15 kVDC (air); ±8 kVDC (contact)

## Wireless Data Communications

Wireless Local Area (WLAN):	Network Optional IEEE standards-based Spectrum24® 802.11b
Data Rate:	11 Mbps (direct sequence)
Frequency Range:	Country dependent; typically 2.4 to 2.5 GHz
Output Power:	100 mW US; 100 mW international
Spreading Technique:	Direct Sequence
Antenna:	Internal
Wireless Personal Area Network (WPAN):	Bluetooth™ IEEE 802.15

## Peripherals and Accessories

Larger Capacity Battery (LCB):	3400 mAh battery with door Kit, Spare 3400 mAh battery
Cradles:	Single-slot serial charging with spare standard battery charging; single-slot B with spare standard or larger capacity battery (LCB) support; four-slot Ethernet (connectivity); four-slot serial. Single- slot B and four-slot cradles support terminal with standard battery, terminal with LCB, or terminal with trigger handle attached
Communication and Charging Cables:	Synchronization/charging cable; worldwide power supplies and cables
4-Slot Universal Battery Charger (UBC):	Simultaneous charge of 1-4 batteries; requires adapters for PPT 8800 1700 mAh/3400 mAh batteries
Vertical-specific attachments:	Pistol-grip trigger handle, magnetic stripe reader, universal cable cup with attachable auto, DEX, printer, and USB cables
Other Accessories:	Holster with easy release clip; holster with velcro belt clasp and belt; slim carrying case; hand strap; neck strap

## Regulatory

Electrical Safety:	Certified to UL1950, CSA C22.2 No. 950, EN60950/IEC950
EMI/RFI:	FCC Part 15 Class B, ICES-003 Class B, European Union EMC Directive, Australian SMA
Laser Safety:	CDRH Class II, IEC Class 2
Hazardous Locations:	Certified to UL for use in Class I, Division 2, Groups A, B, C, D for specific PPT88XX configurations

EN410 CE



Specifications are subject to change without notice. Symbol®, AirBEAM® and Spectrum24® are registered trademarks of Symbol Technologies, Inc. All other trademarks and service marks are proprietary to their respective owners.



For system, product or services availability and specific information within your country, please contact your local Symbol Technologies office or Business Partner.

**Corporate Headquarters**  
**Symbol Technologies, Inc.**  
One Symbol Plaza  
Holtsville, NY 11742-1300  
TEL: +1.800.722.6234/+1.631.738.2400  
FAX: +1.631.738.5990

**For Asia Pacific Area**  
**Symbol Technologies Asia, Inc.**  
(Singapore Branch)  
Asia Pacific Division  
230 Victoria Street #05-07/09  
Bugis Junction Office Tower  
Singapore 188024  
TEL: +65.6796.9600  
FAX: +65.6337.6488

**For Europe, Middle East and Africa**  
**Symbol Technologies**  
EMEA Division  
Symbol Place, Winnersh Triangle  
Berkshire, England RG41 5TP  
TEL: +44.118.9457000  
FAX: +44.118.9457000

**For North America, Latin America and Canada**  
**Symbol Technologies**  
The Americas  
One Symbol Plaza  
Holtsville, NY 11742-1300  
TEL: +1.800.722.6234/+1.631.738.2400  
FAX: +1.631.738.5990

**Symbol Website**  
For a complete list of Symbol subsidiaries and  
business partners worldwide contact us at:  
[www.symbol.com](http://www.symbol.com)  
Or contact our pre-sales team at:  
[www.symbol.com/sales](http://www.symbol.com/sales)



Part No. PPT8800WM Printed in USA 09/03 © Copyright 2003 Symbol Technologies, Inc.  
All rights reserved. Symbol is an ISO 9001 and ISO 9002 UKAS, RVC, and RAB Registered company,  
as scope definitions apply.