

PPT 2800 Series



PORTABLE PEN TERMINAL

A Pocket PC Device with Maximum Performance and Ruggedness

The PPT 2800 Series, a member of the newest family of Pocket PC-based terminals from Symbol Technologies, combines the strengths of the Pocket PC platform with productivity-enhancing features that include bar code scanning and real-time wireless communication options. Designed with today's mobile worker in mind, the rugged PPT 2800 Series is a productivity tool for business professionals, enabling the Power of Pocket PC to perform where and when it's needed.

Simple, Reliable and Powerful

The Pocket PC platform offers a simple, fast user interface, extensive Internet browsing capabilities, and powerful overall performance, and the PPT 2800 Series transforms business activities, extending this familiar Windows-based platform from the traditional desktop setting to virtually anywhere. Symbol's rigorous quality requirements impart drop, sealing and temperature specifications that are unmatched by other Pocket PC devices. The rugged durability achieved allows the PPT 2800 to withstand the wear and tear of everyday use in any business environment, from the office to the warehouse.

With its fully integrated bar code scanning, Wireless Local Area Network (WLAN) or Wireless Wide Area Network (WWAN) communication and Pocket PC functionality, the PPT 2800 Series provides a complete, easy-to-use data management solution in a single device. Conveniently placed scan triggers and the ergonomic design of the PPT 2800 enable simple one-handed data capture operation, and a high resolution 1/4 VGA display with responsive touch-screen technology further enhance the product's ease of use.

The PPT 2800 Series utilizes the Intel® StrongARM SA 1110 processor, running at 206 MHz and comes with the processing power and memory capacity to meet any data or application need. It is fully compatible with 32-bit application development tools from Microsoft and third parties, and provides the standard PIM software and synchronization capabilities of the Pocket PC platform. An application-programming interface (API) from Symbol makes it simple to integrate bar code data capture and wireless communication into new or existing applications.

Mobility Improves Performance

The rugged, feature-rich PPT 2800 product family helps increase productivity and efficiency in a host of industries. Warehouse personnel easily record inventory levels as shipments flow in and out. Service professionals can offer curbside check-in at hotels and more efficient table service at restaurants.



Features	Benefits
Microsoft Pocket PC platform	Portable convenience and a familiar, flexible computing platform
Rugged construction—sealed to IP54 standards with 4 ft./1.2 m drop to concrete	Operates in harsh environments
WLAN or WWAN communication	Anytime, anywhere information access
Symbol's miniature scan engine	High-performance scanning even in bright light
64 MB RAM, 32 MB ROM	Ample memory capacity for data or program storage
1/4 VGA display	Large, easy-to-read display (color optional)
Rechargeable lithium-ion battery	Maximum usage between charges
IrDA port	Enables data transfer to peripherals such as printers
Supports foreign languages	The flexibility required to support applications worldwide

Physicians and caregivers can access current patient records from anywhere in the hospital, while school administrators, teachers and staff can retrieve and update student records from anywhere on campus. The PPT 2800 can do it all, right down to mobilizing price checking and inventory tasks in retail environments as well as package tracking throughout the shipping pipeline. From field service and sales force automation to route accounting or office management, the PPT 2800 provides an ideal solution for mobile applications.

To find out how your business can benefit from Symbol's innovative products, contact any of the convenient locations listed on the back panel or visit us at www.symbol.com/mobile

PPT 2800 Specification Highlights

Physical Characteristics

Dimensions:	7" L x 3.625" W x 1" H/177.8 mm L x 92 mm W x 25.4 mm D
Weight (including battery):	11.7 oz./333 gm (batch version), 12.9 oz./367 gm (wireless version)
Drop Specification:	4 ft./1.2 m to concrete
Display:	1/4 VGA resolution (320 x 240 pixels) with 16-level grayscale, optional 64k color
Battery:	1550 mAh rechargeable lithium-ion
Environmental Sealing:	IP54 (windblown dust and rain)
Operating Temperature:	-4° to 122° F/-20° to 50° C (or better depending upon the application)
Humidity:	5% to 90% RH noncondensing
Electrostatic Discharge (ESD):	8 kVdc air; 4 kVdc contact

Performance Characteristics

CPU:	Intel SA 1110 @ 206 MHz Processor
Operating System:	Microsoft Pocket PC 2002
Memory:	64 MB RAM/32 MB ROM
Application Development:	Fully compatible with Microsoft SDK for Pocket PCs Symbol SDK available to support bar code scanning from: http://devzone.symbol.com
Communications:	IrDA 1.1

Wireless Data Communications

Wireless Local Area Network:	Standards-based Spectrum24 IEEE 802.11 or 802.11b
Data Rate:	2 Mbps and 11 Mbps
Frequency Range:	Country dependent: typically 2.4-2.5 Ghz
Output Power:	500 mW U.S.; 100 mW international
Antenna:	Internal
Wireless Wide Area Network:	Optional CDPD, GSM or GPRS network connectivity
Antenna:	Internal (WLAN), External (WWAN)

Peripherals and Accessories

Cradles:	1-slot serial charge cradle; 4-slot Ethernet charge cradle; Vehicle cradle, 4-slot serial cradle
Communication and Charging Cables:	DEX cable; auto-charge cable; serial/charge cable; printer cables
Magnetic Stripe Reader (MSR):	Snap-on serial connection swipe reader attachment
Keypad:	Snap-on serial connection 35-key keypad
Trigger handle:	Snap-on serial connection pistol-grip scan trigger
4-Slot Universal Battery Charger (UBC):	Simultaneous charge of 1-4 batteries; requires adapters for PDT 8100 batteries
Other Accessories:	Snap-on land line modem; carrying case

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

EN410 CE



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