PPT 2800 Series

symbol®

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, WLAN or 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 32 MB RAM and 32 MB ROM, providing 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. 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
32 MB of RAM and 32 MB of flash ROM	Ample memory capacity for data or program storage
1/4 VGA display with 16-level grayscale	Large, easy-to-read display
Rechargeable lithium-ion battery	Maximum usage between charges
IrDA port	Enables data transfer to peripherals such as printers

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):	10.3 oz./288 gm (batch version), 11.8 oz./330 gm (wireless version)
Drop Specification:	4 ft./1.2 m to concrete
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
Scan Engine:	1-D bar code scanner

Performance Characteristics

CPU:	Intel SA 1110 @ 206 MHz Processor
Operating System:	Microsoft Pocket PC
Memory (RAM/ROM):	32 MB RAM/32 MB ROM
Application Development:	Fully compatible with Microsoft SDK for Pocket PCs, Symbol SDK available to support bar code scanning
Display:	1/4 VGA resolution (320 x 240 pixels) with 16-level grayscale

RF Data Communications

Wireless Local Area Network:	Standards-based Spectrum24 IEEE 802.11 or 802.11b
Data Rate:	2 Mbps and 11 Mbps
Frequency Range:	Frequency Hopping 2 Mbps; Direct Sequence 11 Mbps
Output Power:	500 mW U.S.; 100 mW international
Antenna:	Internal
Wireless Wide Area Network:	CDPD, GSM or GPRS Network Connectivity
Antenna:	External

Peripherals and Accessories

Cradles:	Vehicle Cradle Single-slot charging/communication cradle Four-slot charging cradle Four-slot Ethernet charging/communication cradle
Cables:	Auto charge cable DEX cable Printer cables Serial/charging cable Snap-on MSR 4-slot Universal Battery Charger (UBC)

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

CN410 CE

CAUTION
LASER LIGHT—
DO NOT STARE INTO BEAM
630nm-680nm LASER
1.0 MILLIWATT MAX. OUTPUT
CLASS II LASER PRODUCT

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

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