PPT 2700
PPT 2700-2D

POCKETABLE COMPUTERS



Microsoft® Windows® Powered

A Family of Rugged, Pocketable Windows®-based Computers

Symbol Technologies continues its revolution of pocketable computing with the PPT 2700, combining rugged mobility, bar code scanning and wireless LAN connectivity with the new Microsoft Pocket PC platform. This pen-based family of mobile data management devices offers companies the opportunity to leverage the familiarity and flexibility of the Microsoft Windows® operating system in a feature-rich pocketable computer.

Designed to meet the diverse needs of the vertical marketplace, the PPT 2700 family of products offers several data management options. The PPT 2700 provides ruggedized data collection for batch applications, while, with its built-in link to the open architecture of Symbol's Spectrum24® wireless LAN, the PPT 274X Wireless Series enables up-to-the-minute information flow between the point of activity and remote host systems. And, addressing the growing need for PDF417-based mobile solutions, the PPT 2700-2D Series offers aggressive two-dimensional (2D) bar code data capture capabilities.

Enabling with Ease

Ergonomically designed, the PPT 2700 enables convenient one-handed data capture operation and provides a secure, comfortable fit in the hand. Users are able to navigate the familiar Windows-based environment by touch or pen input, and the Pocket PC platform offers a simple interface, designed for mobile users.

A member of the XE Series of extreme environment devices, the PPT 2700 is sealed to IP54 standards for protection against windblown rain and dust, and withstands multiple drops to concrete up to 4 ft./1.2 m. With its rugged properties, the PPT 2700 enables the benefits of Windows and the Pocket PC platform to perform in the most challenging environments – extending access to critical data throughout the enterprise.

The PPT 2700 comes with 16 MB of RAM and 12 MB of flash ROM to meet data or program storage needs. It is fully compatible with standard 32-bit application development tools from Microsoft and third parties, and provides the standard PIM software and synchronization capabilities of a Pocket PC. An application-programming interface (API) from Symbol allows bar code data capture and wireless communication to be easily integrated into new or existing applications.

Flexibility with Diverse Applications

The PPT 2700 houses Symbol's state-of-the-art miniature scan engines – the SE 900 in the 1D models and the SE 2200 in the 2D models. These scan engines deliver premium performance with reliable, first-time-every-time decodes even in sunlight or bright artificial light, enabling mobile workers to capture, compute and communicate data virtually anytime, anywhere.

Features	Benefits
Microsoft Pocket PC platform	Portable convenience and familiar, flexible computing
Ergonomic design	Easy, secure and comfortable to use with touch or pen input
Symbol's SE 900 or SE 2200 miniature scan engines	Tiny 1D or 2D (PDF417) scan engines for high-performance scanning even in bright light
Sealed to IP54 standards	Protected from windblown rain and dust
16 MB of RAM and 12 MB of flash ROM	Ample memory capacity for data or program storage

The rugged, feature-rich PPT 2700 product family extends the reach of IT resources in a host of industries. Hospitality service professionals can offer curbside check-in at hotels and more efficient table service at restaurants. Warehouse workers can easily record inventory levels, as shipments are unloaded. Physicians and caregivers can access current patient records anywhere in the hospital, and school administrators, teachers and staff can retrieve and update student records from anywhere on campus. Additionally, with its expanded capabilities, the PPT 2700-2D provides law enforcement officers with the ability to scan 2D bar codes on vehicle registrations and drivers' licenses for immediate data capture. And transportation and logistics professionals can now scan bills of lading and other documents encoded with PDF417 two-dimensional bar codes, reducing paperwork and handling at the loading dock.

Symbol Technologies, Inc. and our Business Partners provide application-specific mobile computing, wireless LAN communications for voice and data, and bar code data capture solutions that provide companies with the ability to gather and move information quickly, accurately and efficiently from the point of activity to anywhere across the enterprise. 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**

PPT 2700 Series Specification Highlights

Physical Characteristics	
Dimensions:	1D: 7 in. L x 3.625 in. W x 1 in. H/177.8 mm x 92 mm x 25.4 mm 2D: 7.625 in. L x 3.625 in. W x 1 in. D (grip area) x 1.5 in. D (scanner bay)/193.7 mm x 92 mm x 25.4 mm x 38.1 mm
Weight (including battery):	1D: 10.3 oz./288 gm (batch version); 11.8 oz./330 gm (wireless version) 2D; 13.8 oz./391 gm (batch version); 15.3 oz./434 gm (wireless version)
Drop Specification:	4 ft./1.2 m to concrete
Battery:	3.7 V, 1400 mAh rechargeable lithium ion
Environmental Sealing:	IP54 (windblown dust and rain)
Operating Temperature:	-20° to 50°C/-4° to 122°F
Storage Temperature:	-25° to 50°C/-13° to 122°F
Humidity:	5% to 90% RH non-condensing
Electrostatic Discharge (ESD):	8 kVdc air; 4 kVdc contact
Scan Engine:	1D: SE 900 2D: SE 2200

Performance Characteristics	
CPU:	NEC Vr4181 (MIPS)
Operating Platform:	Pocket PC
Memory (RAM/ROM):	16 MB/12 MB (ROM is all flash ROM)
Application Development:	Fully compatible with Microsoft SDK for Pocket PCs; Symbol SDK available to support bar code scanning
Display:	High contrast, anti-reflective monochrome LCD display; 1/4 VGA resolution (240 x 320 pixels)

Peripherals and Accessories	
Cradles:	Vehicle, modem, serial, four-slot Ethernet
Communication and Charging Cable:	Serial/charges battery in terminal
Magnetic Stripe Reader (MSR):	Serial connection/swipe reader attachment
4-slot Universal Battery Charger (UBC):	Simultaneous charge of 1-4 batteries; Requires adapters for PPT 2700 batteries

RF Data Communications	
Network:	Spectrum24®
Output Power:	500 mW U.S.; 100 mW international
Data Rate:	1 Mbps, 2 Mbps and 11 Mbps
Spreading Technique:	Frequency hopping/direct sequence (11 Mbps)
Antenna:	Internal
Range:	Open space: up to 1,000 ft./303 m; Typical: 180 ft. to 250 ft./54.5 to 76 m
Frequency Range:	Country dependent, typically 2.4 to 2.5 GHz

Regulatory	
Electrical Safety:	Certified to pending to UL 1950, 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

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