Symbol PPT 2700 Series

symbol®

A Family of Rugged, Pocketable Windows® CE-based Computers

Symbol Technologies continues its revolution of pocketable computing with the PPT 2700, combining ruggedized mobility, bar code scanning and wireless LAN connectivity with the widely popular Microsoft Palm-size PC platform. This pen-based family of mobile data management devices now offers companies the opportunity to leverage the familiarity and flexibility of the Microsoft Windows® CE operating system in feature-rich pocketable computers.

Enabling with Ease

Designed to fit comfortably in either hand, the PPT 2700 operates by touch or pen input and allows the user to navigate applications through the familiar Windows-based environment. Buttons and triggers are ergonomically positioned to ensure convenient one-handed operation in either hand. Weighing less than 12 oz/335 gm and measuring only 7 in./17.8 cm high, the PPT 2700 enables users to capture, compute and communicate data from anywhere across the enterprise.

A member of the "Extreme Environments" category of Symbol products, 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. This enables users to collect and manage data in places other Windows CE devices, like personal organizers, simply can't – at the point of activity.

Now warehouse management can conveniently use a Windows CE device rugged enough to record new inventory levels directly to networked host systems as shipments are unloaded. Or, service professionals in the field of hospitality can establish Windows-based mobile sales counters during peak times and curbside check-in at hotels – regardless of the weather!

Flexibility with Diverse Application

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

The PPT 2700 supports Symbol's state-of-the-art miniature scan engine, the SE 900, enabling your mobile workforce to capture bar coded data even in sunlight and bright artificial light.

The PPT 2740 integrates Spectrum24®, Symbol's IEEE 802.11-based wireless LAN technology for real-time data communications with your remote host system.

Now physicians and caregivers can always have access to current patient records anywhere in the hospital. Using bar code data capture and wireless LAN connectivity, the matching of data to patient is facilitated, helping to ensure the accurate dispensation of medications. Using Spectrum24 and Palm-size PC's, school administrators, teachers, and staff can now retrieve and update student records from anywhere on campus, automating paper-intensive processes such as attendance tracking and grading.

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:	7 in. L x 3 5/8 in. W x 1 in. H (177.8 mm x 92 mm x 25.4 mm)
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:	3.7 V, 1400 mAh re-chargeable 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
Electro-Static Discharge (ESD):	8 kVdc air; 4 kVdc contact

Performance Characteristics

CPU:	NEC Vr4181 (MIPS)
Operating System:	Windows CE 2.11
Memory (RAM/ROM):	16 MB/12 MB
Application Development:	Fully compatible with Microsoft API for Palm-size PC's; Microsoft 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:	Symbol Spectrum24 IEEE 802.11 airwaves standard based
Spreading Technique:	Frequency hopping
Data Rate:	1 Mbps
Antenna:	Internal embedded
Range:	Open space: up to 1000 ft./303 m
Typical:	180-250 ft./54-76 m
Output Power:	500 mW US; 100 mW International
Frequency Range:	Country dependent, typically 2.4 to 2.5 GHz

Regulatory

Electrical Safety:	Certification pending to UL 1950, CSA C22.2 No. 950, EN60950/IEC950
EMI/RFI:	FCC Part 15 Class A, European Union EMC Directive, Australian SMA
Laser Safety:	SE 900 Scan Engine: CDRH Class II, IEC825-1/EN60825-1 Class I Laser Source Visible laser diode at 650 nm

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

CE

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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