



PPT 2700 Series Palm-size PC's PDCT-C Class A Family of Rugged, Pocketable Windows® CE-based Computers

engine) and measuring only 7 in./17.8 cm high, the PPT 2700 enables users to capture, compute and communicate data from anywhere.

A member of the "Extreme Environments" family 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, medical professionals in the field of healthcare can establish Windows-based patient records to ensure the accurate dispensation of medications.

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 for data intensive applications. 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 features Symbol's miniature scan engine, the SE 900 for one dimensional scanning. This state-of-the art scan engine, the smallest,

lightest and brightest available today, delivers premium performance even at ranges of up to 30 in./76.2 cm. Or, for two-dimensional scanning requirements, the PPT2700 offers the SE2200 scan engine, which delivers exceptional scanning performance in an impressively small package. The PPT2740 integrates Spectrum 24®, Symbol's IEEE 802.11-based wireless LAN technology for real-time data communications with your remote host system.

Symbol Technologies, Inc. provides application-specific mobile computing, wireless LAN communications for voice and data, and bar code data capture solutions that allow users the ability to gather and move information quickly, accurately and efficiently, from the point of activity to anywhere across the enterprise.

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

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. Weighing less than 12 oz/335 gm (batch version with SE2200 scan

PPT2700 Palm Size PC Specification Highlights

Class PDCT- C1, C2, C2G

Physical Characteristics

Dimensions:	7 in. L x 3 5/8 in. W x 1 in. H (25.4 mm x 92 mm x 177.8 mm)
Weight:	Batch/SE900 scan engine (PDCT-C1): 11oz. with battery; Batch/SE2200 scan engine (PDCT-C2): 12 oz. with battery; RF (PDCT-C2G): 14oz with battery and wireless LAN card
Laser Source:	Visible Laser Diode at 650 n 680 nm.
Operating Temperature:	-20° to 50° C (-4° to 122° F)
Storage Temperature:	-25° to 50° C (-13° to 122° F)
Operating Humidity:	5% to 95% relative humidity (noncondensing)
Display:	VGA transfective LCD, 240 x 320 pixel resolution, WIN CE® GUI
Keyboard:	Pop-up
Power:	3.7 V, 1400 mAh rechargeable Lithium Ion

Performance

Microprocessor:	NEC Vr4181 (MIPS)
Operating System:	Windows CE 2.11
RAM Memory:	16 MB
Flash:	12 MB
Scanning Range:	(PDCT-C2, C2G only) (Note: Code 3 of 9, medium density (x dim of 10 mil) Close/Far Range): 8.0"/13.0"
Application Development:	Fully compatible with Microsoft API for Palm-size PC's; Microsoft SDK available to support bar code scanning

RF Data Communications

Network:	(PDCT-C2G only): Spectrum 24® IEEE 802.11 airwaves standard based
Output Power:	100 mW U.S. and international
Data Rate:	2 Mbps
Spreading Technique:	Frequency hopping
Antenna:	Internal
Range:	Open space: up to 1000 ft./303 m; typical 180-250 ft./54-76 m
Frequency Range:	Country dependent, typically 2.4 to 2.5 GHz

Peripherals and Accessories

SS Docking Station/Battery Charger
UBC 2000, 4-slot Universal Battery Charger
Universal Peripheral Device (UPD1000) - reads and communicates data in Smart Cards, Magnetic Stripe Cards, and Data Buttons
AC Adapter Kit
Universal Holster (for right-or left-handed use) with adjustable strap clips
Carrying Case
Magnetic Stripe Reader (MSR) Attachment
PenRight™ Mobilebuilder Runtime Software

Regulatory:

Laser Safety:	(SE900 scan engine): CDRH Class II, IEC825-1/EN60825-1 Class I Laser (SE2200 scan engine): CDRH Class II, IEC825-1/EN60825-1 Class II
Drop:	4 ft/1.2 m to concrete
Environmental Sealing:	IP54 (windblown dust and rain)
ESD:	8 kVdc air; 4 kVdc contact
EMI/RFI:	FCC Part 15 Class A, European Union EMC Directive, Australian SMA
Electrical Safety:	Certification pending to UL 1950, CSA C22.2 No. 950, EN60950/IEC950



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