

PPT 2837



Integrated GPRS for WWAN Applications

PORTABLE PEN TERMINAL

A Mobile Device with Anytime Anywhere WWAN Connectivity

The PPT 2837 from Symbol Technologies delivers the power of mobile data and voice communications with integrated Wireless Wide Area Network (WWAN) capabilities in a rugged pen-based handheld device. Integrated GPRS capability enables access to corporate applications and databases, web-browsing, email, and more, as well as voice-over-GSM—delivering seamless anytime anywhere connectivity.

GPRS: The Power for Any Application Beyond Your Doors

GPRS delivers the speed required to break previous barriers to fast, complete mobile Internet functionality. With integrated GPRS, the PPT 2837 is ideally equipped to enable a world of applications beyond the doors of your company that will increase efficiency and profitability, in areas such as:

Transportation and Logistics—Reduce waiting times and increase the speed of delivery and shipping cycles with real-time status of vehicles, enabling customers to clear dock space and have adequate manpower ready and waiting to receive the delivery.

Field Service—Improve productivity and service levels of your field service applications with real-time work orders, the ability to check parts and supply availability, instant access to the expertise of other service team members, and other real-time communications such as urgent service calls, workflow redirects, and service call cancellations.

Sales Force Automation—Enable a true mobile sales force with the ability to check inventory and pricing, place orders and track shipments, right from the customer's location for the ultimate in on-site customer service.

Delivery—Shorten delivery cycles with the combination of WWAN connectivity, bar code scanning and signature capture capabilities via faster billing and reconciliation at customer location.

Retail—Extend the reach of your sales, credit card transaction processing and real-time management of inventory beyond your walls to remote kiosks and outdoor environments such as malls, stadiums and street fairs.

Loaded with Features for Power and Performance

This versatile, large-screen handheld device delivers the power to perform with the features you need to suit any application and business need. The PPT 2837 is equipped with the Intel® StrongARM SA 1110 processor, operating at 206 MHz, with 64 MB of RAM and 32 MB of ROM. The Pocket PC 2002 platform provides an instant mobile extension of the Windows environment, a familiar environment for users, and one of the most robust development



Features	Benefits
Microsoft® Pocket PC 2002 platform	Portable convenience and a familiar, flexible computing platform
Rugged construction—sealed to IP54 standards with 4 ft./1.2 m drop to concrete	Dependable operation in harsh environments
Integrated GPRS WWAN connectivity	Anytime, anywhere voice and data access
GSM/GPRS headset with optional 3 ft./0.9 m extension	Provides hands-free, cellular phone capabilities
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
Rechargeable lithium-ion battery	Maximum usage between battery charges
IrDA port	Enables data transfer to peripherals such as printers

platforms. Built-in bar code scanning delivers the ability to decode any industry standard 1-D bar code symbology. Built-in power management capabilities ensure maximum battery life without user intervention. An IrDA port enables easy access to printers. And a full suite of vertical market specific accessories, including a snap-on keyboard for data entry, magnetic-stripe reader and DEX cable, enables the PPT 2837 to be customized to best meet your needs.

Profit from Symbol's Strength

When you choose Symbol, you choose the worldwide leader in mobile computing and bar code-driven data management systems, with millions of mobile devices and scanners and thousands of wireless network installations in use worldwide. The PPT 2837 is backed by Symbol Technologies' worldwide service repair and support network. To find out how the PPT 2837 can increase your productivity and profitability, call any of our convenient locations or visit us at www.symbol.com/mobile

PPT 2837 Specification Highlights

Physical Characteristics	
Dimensions:	7 in. L x 3.625 in. W x 1 in. H/177.8 mm L x 92 mm W x 25.4 mm D
Weight (including battery):	11.8 oz./330 g
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
Performance Characteristics	
CPU:	Intel SA 1110 @ 206 MHz Processor
Operating System:	Microsoft® Pocket PC 2002
Memory (RAM/ROM):	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
Display:	1/4 VGA resolution (320 x 240 pixels) with 16-level grayscale
Wireless Data Communications	
Wireless Wide Area Network:	Monochrome only: Integrated GSM/GPRS; user-accessible SIM socket for GSM/GPRS
Antenna:	External
Peripherals and Accessories	
Speaker/Microphone:	Integrated, plus headset and headset jack for voice-over-GSM communications
Cradles:	1- or 4-slot serial charge cradle; 4-slot Ethernet charge cradle; Vehicle 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 2800 batteries
Other Accessories:	Snap-on land line modem; carrying case; headset
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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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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PP2837 05/02

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