SPT 1800 Series



POCKETABLE COMPUTERS

Rugged Mobility, Efficient Data Management and the Power of Palm™

The SPT 1800 Series of pen-notepad computers offers the most advanced Palm Powered[™] solution for your work force. This family of rugged mobile computers combines integrated scanning, sophisticated wireless connectivity and powerful processing capability with the Palm OS® platform. With 1-D bar code data capture and wireless local area network (WLAN) or wireless wide area network (WWAN) communications, the SPT 1800 Series is a powerful productivity-enhancing tool, serving the multiple needs of today's growing mobile workforce.

Tackle Tough Environments

Tough enough for use in manufacturing and industrial environments, the SPT 1800 Series enables the Palm OS to perform practically anywhere. The rugged SPT 18XX housing is sealed to IP54 standards for protection against rain and dust, and withstands 4 ft./1.2 m drops to concrete.

Symbol's state-of-the-art scan engine with bright, easy to see scan line, delivers premium scanning performance under virtually any lighting condition—even sunlight or bright artificial light. A high-contrast, anti-reflective liquid crystal display makes data easy to read in low lighting or outdoor conditions.

Integrated WLAN or WWAN communication extends the reach of IT resources, enabling real-time information flow between the point of activity and your remote host system. The WWAN GSM version has voice capabilities, offering additional flexibility for wireless communication, making your business truly mobile.

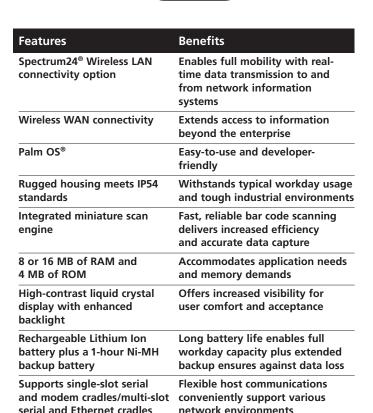
Empower Your Work Force

The combination of rugged durability, integrated bar code scanning and wireless communication enables users in a host of industries to capture, compute and communicate data anytime, anywhere.

As shipments are unloaded, warehouse management can easily record new inventory levels to networked host systems. Service professionals in hospitality can offer curbside check-in at hotels, and hospital physicians and caregivers can have the latest patient data at hand.

Law enforcement officers can scan vehicle registration or drivers' licenses to gather information immediately, and wireless WAN communication enables them to send and receive information from the point of activity. In retail, when coupled with a magnetic stripe reader and portable printer, the SPT 1800 becomes a portable point-of-sale device, and, for scan-intensive tasks, an attachable handle converts the SPT 1800 into an ergonomic pistol grip design.





Mobile Solutions

Deployment of the SPT 1800 can help increase efficiency and productivity in your business, and a complete line of accessories and peripherals are available to create a total mobile solution. To learn more about the SPT 1800 Series or any of our innovative products, contact us at any of the locations listed on the back panel or visit us at www.symbol.com

SPT 1800 Specification Highlights

Dimensions:	1 in. H x 3 5/8 in. W x 7 in. L 25.4 mm H x 92 mm W x 177.8 mm L
Weight (including battery):	Batch version: 10.6 oz/300 gm; Wireless version: 12.2 oz./346 gm
Battery:	3.7 V, 1550 mAh rechargeable lithium ion
Drop Specification:	4 ft./1.2 m to concrete
Environmental Sealing:	IP54 (windblown dust and rain)
Display:	High contrast, anti-reflective 160 x 160 monochrome LCD display
Operating Temperature:	-4° to 122°F/-20° to 50°C
Storage Temperature:	-13° to 122°F/-25° to 50°C
Humidity:	5% to 90% RH noncondensing
Electrostatic Discharge (ESD):	8kVdc air, 4kVdc contact

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Performance Characteristics	
CPU:	DragonBall VZ – 33 MHz
Operating System:	Palm OS [®]
Memory:	8 MB RAM / 4 MB ROM 16 MB RAM / 4MB ROM (Batch version)
Application Development:	AppForge, CodeWarrior, MCL, PendragonForms, PenRight! and SatelliteForms
Synchronization Tools:	Aether ScoutWare, AvantGo
Communications:	IrDa 1.0

Wireless Local Area Network Characteristics		
Wireless Local Area Network:	Symbol Spectrum24° IEEE 802.11 airwaves standard compliant / IEEE 802.11b	
Radio Transmission Technique:	Frequency Hopping / Direct Sequence	
Data Rate:	2 Mbps / 11 Mbps	
Antenna:	Internal	
Range:	Open space: up to 1000 ft./303 m Typical: 180 to 250 ft./54 to 76 m	
Output Power:	500mW U.S.; 100 mW International	
Frequency Range:	Country dependent, typically 2.4 to 2.5 GHz	

Wireless Wide Area Network Characteristics		
Network:	CDPD - 900 MHz, GSM - 900/1800 MHz	
Output Power:	CDPD 600MW; GSM 2W	
Data Range:	CDPD up to 19.2 Kbps; GSM up to 14.4 Kbps	
Antenna:	External	
Frequency Range:	CDPD 824-894 MHz; GSM 880-960 MHz and 1710-1880 MHz	

Cradles:	Vehicle, modem, single/four-slot serial, four-slot
Cradies:	
	charge only and four-slot Ethernet
Communication and Charging	Serial/charging in terminal battery
Cradles:	
Trigger Handle:	Via serial connection, attaches and converts
	SPT 18XX into a gun style device for
	scan-intensive applications
Magnetic Stripe Reader (MSR):	Serial connection for MSR readability
4-Slot Universal Battery Charger (UBC):	Recharges multiple batteries; battery adapter:
	used with Symbol's Universal Battery Charger
Headset:	For GSM applications only
Printer Cables	
O'Neil:	CBL-PT00100-ON1, CBL-PT00100-ON2
Paxar/Monarch:	CBL-1700-100-MON1, CBL-1700-100-MON2
Zebra/Comtec:	CBL-1700-100-CTC, CBL-1700-100-ELT
Regulatory	
Electrical Safety:	Certified to UL 1950, CSA C22.2 No. 950:
	EN60950:1992/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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BUSINESS PARTNER



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 - · Hardware disposal
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