



SPT 1700 Product Family

Rugged Pocketable Computers with Wireless Capability



The SPT 1700 family continues the revolution of pocketable computing, bringing integrated scanning, sophisticated connectivity and ruggedness to the category-leading line of easy-to-use data management tools from Symbol Technologies.

The SPT 1700 family from Symbol, the world leader in data capture, computing and communications solutions at the point of activity, combines the latest in miniature bar code scanning technology with the popular 3Com® Palm Computing® platform. The SPT 1700 offers ruggedized data collection for batch applications while the SPT 1740 broadens your data communication capabilities with its built-in link to the open architecture of the Spectrum24®. This wireless LAN from Symbol Technologies enables up-to-the-minute information flow between the point of activity and your remote host systems.

Empower Your Work Force

Feature-rich, the SPT 1700 product family extends the reach of IT resources in a host of industries. Hospital physicians and caregivers can have the latest patient data at hand. Warehouse management can easily record new inventory levels to networked host systems as shipments are unloaded. Service professionals in hospitality can offer curbside check-in at hotels and mobile sales counters during peak times.

Detailed attention to ergonomics and sleekly rounded edges provide a secure fit in the hand. At 7 in./17.8 cm high, the SPT 1700 easily slips into a pocket. Weighing just 10.3 oz/ 288 gm, this powerful productivity tool is a perfect fit for mobile workers who capture and communicate information on the job.

The scan engine in the SPT 1700 family is the SE 900 from Symbol Technologies. 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.

Tackle Tough Environments

The SPT 1700 is tough enough for use in manufacturing and industrial environments; its ruggedized housing withstands drops of up to 4 ft/1.2 m to concrete. The unit is tested to IP54 standards for protection against the elements like rain and dust, so it can be used outdoors on loading docks and yards and, because it uses a 650nm laser diode, you will still see the scan beam — even in bright sunlight!

Symbol designed the SPT 1700 product family for effort-free use in factories, hospitals, offices, stores, or on the road. The familiar and easy to

use pen-based interface complements convenient push-button controls. Left and right trigger and scan buttons facilitate one-handed operation. A high-contrast, anti-reflective liquid crystal display makes data easy to read even in low light or outdoors. A rechargeable lithium ion battery and optional single- and multi-slot cradle configurations assure flexible convenience and strong performance no matter how intensive the task.

Tailor Solutions With Ease

The SPT 1700 family uses the Palm Computing platform. Programmers can build solutions from numerous standard development environments. A standard 2 MB of RAM expands up to 8 MB for large data or program storage demands. Flash ROM expands from 2 to 4 MB.

Developers can use standard Palm OS™ development tools to write custom applications quickly and inexpensively. The development tool kit includes Symbol Application Program Interfaces (API) that control the scanner, enable local area network communications, and manipulate data input and printing using the serial or infrared ports. A growing number of software development tools including CodeWarrior, SatelliteForms™, PenRight!, AvantGo and Riverbed Scout MTS, support APIs from Symbol in their application development tool sets.

To find out how your company's mobile professionals can save time and paperwork using the innovative SPT 1700 pocketable computer from Symbol Technologies, contact any of the convenient locations listed on the back panel, or visit us at www.symbol.com/palm

SPT 1700 Features and Benefits

Features	Benefits
Spectrum24 Wireless LAN connectivity option	Transmits data to and from network information systems in real time
Rugged housing meets IP54 standards	Stands up to tough industrial environments
Integrated SE 900 scan engine	Miniature laser bar code data capture performance
Rechargeable Lithium Ion battery	Flexible and convenient for demanding environments
2 MB of RAM and ROM with optional 8 MB RAM and 4 MB ROM available	Memory flexibility to accommodate application demands
Palm OS™ operating system and development environment	Readily available development tools including AdvantGo, CodeWarrior, SatelliteForms, Riverbed Scout MTS, and PenRight! Ask Symbol about other development tools
Supports single-slot serial cradles and multi-slot serial and Ethernet cradles	Flexible host communications for most network and user environments

SPT 1700 Specification Highlights

Physical Characteristics	
Size:	1in. H x 3 5/8in.W x 7in. L/25.4 mm x 92 mm x 177.8 mm
Weight including battery:	Batch version:10.3 oz/ 288 gm; Wireless version: 11.8 oz/ 330 gm
Drop Specification:	4 ft/1.2 m to concrete
Battery:	3.7 V, 1400mAh rechargeable Lithium Ion
Environmental Sealing:	IP54 (windblown dust and rain)
Operating Temperature/Storage Temperature:	-20° to 50°C/-4° to 122°F; -25° to 50°C/-13° to 122°F
Humidity:	5% to 90% RH non-condensing
ESD:	8kVdc air, 4kVdc contact
SE 900 Scan Engine:	Laser Class: CDRH Class II, IEC825-1/EN60825-1 Class I Laser Source: Visible laser diode at 650 nm
<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p style="text-align: center; margin: 0;">CAUTION</p> <p style="text-align: center; margin: 0; font-size: 8px;">LASER LIGHT- DO NOT STARE INTO BEAM</p> <p style="text-align: center; margin: 0; font-size: 8px;">630nm-680nm LASER 1.0 MILLIWATT MAX. OUTPUT CLASS II LASER PRODUCT</p> </div>	
Performance Characteristics	
CPU:	Motorola DragonBall
Operating System:	Palm OS™ 3.2
Memory (batch and wireless versions):	2 MB/2 MB, 2 MB/8 MB, 4 MB/8 MB
Application Development:	CodeWarrior, SatelliteForms, PenRight!, AvantGo, and Riverbed Scout MTS
Display:	High contrast, anti-reflective LCD display
Peripherals and Accessories	
Cradles:	Vehicle, modem cradle, single- and four-slot serial cradle, and four-slot Ethernet cradle
Communication and Charging Cable:	Serial/charging in terminal battery
Magstripe Reader (MSR):	Serial connection for MSR readability
4-Slot Universal Battery Charger:	Recharges multiple batteries; battery adapter: used with Symbol's Universal Battery Charger
RF Data Communications	
Network:	Symbol Spectrum24 IEEE 802.11 airwaves standard compliant
Spreading Technique:	Frequency Hopping
Data Rate:	1Mbps
Antenna:	Internal
Range:	Open space: up to 1000 ft/303 m, Typical: 180 to 250 ft/54 to 76 m
EMI/RFI:	FCC Part 15 Class A, EMC Directive, Australian SMA
Electrical:	Certification Pending to UL 1950, CSA C22.2 No 950, EN60950/IEC950
Output Power:	500 mW U.S.; 100 mW International
Frequency Range:	Country dependent, typically 2.4 to 2.5 GHz

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For system, product or services availability and specific information within your country, please contact your local Symbol Technologies office or Certified Business Partner.



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