

SPT 1733

SPT 1734



POCKETABLE COMPUTERS

Rugged Palm®-based Pocketable Computers with Wireless WAN Capability

Furthering its commitment to providing innovative solutions and data management tools for the evolving marketplace, Symbol Technologies has expanded its popular Palm-based SPT 1700 product family to offer wireless wide area network (WWAN) connectivity. Now in addition to one- and two-dimensional bar code data capture capabilities and wireless local area communications, the rugged SPT 1700 series offers secure, affordable, two-way wide area wireless access, giving new meaning to point-of-activity computing.

A Simple, Secure and Seamless Solution

The new wide area SPT 1700 devices will enable customers to not only collect and manage data anytime, anywhere, but also access the Internet and corporate LANs, send and receive e-mail, and communicate with remote host systems through wireless WAN access. The new wide area SPT 1700 product family supports popular Palm OS® enterprise, productivity and synchronization software, giving users tremendous flexibility and bringing added value to their customized solutions.

The SPT 1733 houses Novatel's CDPD (Cellular Digital Packet Data) modem which uses Wireless IP Technology – a secure, open standard network which offers reliable, real-time data transmission at speeds up to 19.2 Kbps.

By using wireless IP technology, the device will transmit small “packets” of secure data over existing phone networks. Only the amount of data that is sent and received is tracked, not the length of time connected to the Internet. This structure, combined with Symbol's attractive data plans, offers an efficient, affordable solution.

Based on GSM (Global System for Mobile Communications), a worldwide standard for digital wireless transmissions, the SPT 1734 features 900/1800 MHz Dual Band capabilities. This offers both SMS (Short Message Service) and real-time secure, circuit-switched data transmission at speeds up to 14.4 Kbps.

The SPT 1733 and SPT 1734 offer fast, seamless Internet connectivity; enabling efficient access to Web-based applications or corporate intranet data from anywhere wireless IP service is available.

Anytime, Anywhere Computing

As part of the “Extreme Environments” category of Symbol products, the SPT 1733 and SPT 1734 are sealed to IP54 standards for protection against windblown rain and dust, and are able to withstand multiple drops to concrete up to 4 ft./1.2 m.



Features	Benefits
CDPD or GSM Wireless WAN connectivity	Provides instant access to information wherever its needed
Rugged housing meets IP54 standards	Stands up to tough environments
Integrated SE 900 scan engine	State-of-the-art scan engine delivers premium performance
Rechargeable lithium-ion battery	Flexible and convenient for demanding environments
4 MB ROM and 8 MB RAM	Memory flexibility to accommodate application demands
Palm OS® and development environment	Readily available development tools including AvantGo, CodeWarrior, SatelliteForms, Aether ScoutWare, and PenRight! Ask Symbol about other development tools

The combination of rugged durability and WWAN connectivity enables users to collect, manage and communicate data virtually anytime, anywhere.

Designed to be tough enough for use in manufacturing and industrial environments, the SPT 1733 and SPT 1734 also feature Symbol's state-of-the-art miniature scan engine. The smallest, lightest, brightest available today, Symbol's scan engines deliver premium performance, enabling your mobile workforce to capture bar coded data even in sunlight or bright artificial light.

To find out how your company's mobile professionals can save time and paperwork using the innovative SPT 1733 and SPT 1734 pocketable computers from Symbol Technologies, contact any of the convenient locations listed on the back panel, or visit us at www.symbol.com/palm

SPT 1733/1734 Specification Highlights

Physical Characteristics

Dimensions:	1 in. H x 3.625 in. W x 7 in. L/25.4 mm H x 92 mm W x 177.8 mm L
Weight (including battery):	11.8 oz./330 gm
Drop Specification:	4 ft./1.2 m to concrete
Battery:	3.7 V, 1400 mAh rechargeable 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 noncondensing
ESD:	15 kVdc air, 8 kVdc contact
Scan Engine:	SE 900

Performance Characteristics

CPU:	Motorola DragonBall
Operating System:	Palm OS® 3.5
Memory:	4 MB ROM/8 MB RAM
Application Development:	CodeWarrior, SatelliteForms, PenRight!, AvantGo, and Aether ScoutWare
Display:	High contrast, anti-reflective 160 x 160 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
Magnetic Stripe 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:	CDPD/GSM-900/1800 MHz
Output Power:	CDPD 600MW; GSM 2W
Data Rate:	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

Regulatory

Electrical Safety:	Certified to UL1950, CSA C22.2 No. 950
EMI/RFI:	FCC Part 15 Class B, ICES-003 Class B
Laser Safety:	CDRH Class II, IEC Class 2



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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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