Intermec

Product
Profile

- **Rugged mobile computer weighing less than 16 oz with battery**

- **Microsoft® Windows Powered Pocket PC runs standard applications**

- **Integrated wireless LAN, WAN and PAN radio options for mobile communications**

- **Standard Ethernet communications**

- **Fast data input with:**
  - **keypad with alpha mode**
  - **optional integrated scanners**
  - **touch screen**

- **Complete solution with application software, communications infrastructure products, peripherals and accessories**

7 0 0   S E R I E S   M O B I L E   C O M P U T E R

Proof that good things do come in small packages
The Intermec 700 Series is a rugged radio-enabled mobile computer. Equipped with a fast Intel StrongARM processor and Microsoft Windows for Pocket PC, it is extremely well suited for applications in field service, healthcare, retail, route distribution and logistics.

Rugged integrated package
The 700 Series stands up to continuous use in demanding environments. The flexible design allows configuration of the 700 Series based upon the scanning, radio, and data storage requirements of the application. The rugged, drop resistant case is sealed against rain and dust. The integrated keypad is specially designed to provide great feedback with high reliability for input-intensive applications.
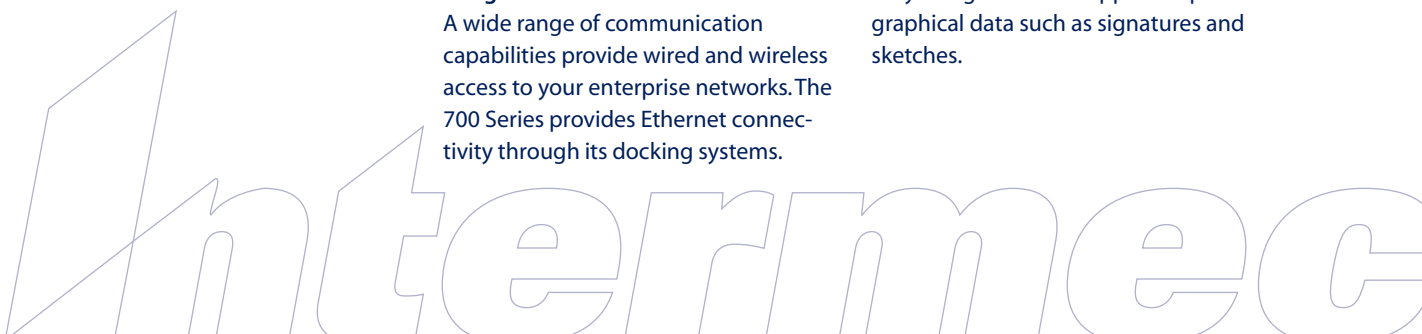
Integrated communications
A wide range of communication capabilities provide wired and wireless access to your enterprise networks. The 700 Series provides Ethernet connectivity through its docking systems.

WirelessLAN systems in retail and distribution center applications can use the 802.11b internal radio, which is Wi-Fi certified for interoperability and long-term investment protection. The industry's broadest selection of wide area network radios are also available for field-based communications and realtime updates. Bluetooth™* capability allows wireless communications with peripheral devices such as printers.

Fast, flexible data input and navigation
The 700 Series offers three options for quick and accurate data input. The keypad provides tactile feedback for accurate data entry and preserves the full screen area for application use. Integrated linear and PDF417 scanners provide fast, accurate capture of bar code data. The touch screen allows easy navigation and supports input of graphical data such as signatures and sketches.

The Intermec 700 Series mobile computer offers easy ways to take work on the road. Portable printers allow generation of invoices and customer receipts wherever the transaction occurs. The Mini-Landline modem provides quick connectivity for data transfers wherever there's a phone line.

781T Belt-Mount Printer

- Bluetooth™ compatible wireless printing, IrDA & RS-232 serial communications
- Lightweight, rugged, compact design
- Resilient high density polyethylene case
- Dependable quality
- Customer Replaceable Lithium-Ion Battery
- 4Mbits of flash memory
- Companion to the 700 Series mobile computer equipped with a Bluetooth™ qualified module by Socket Communications

Physical Characteristics
Length: 144mm (5.65in)
Width: 112mm (4.39in)
Depth: 616mm (2.40in)
Weight: 393g (13.85 oz) without paper; 418g (14.72 oz) with paper

6820 with 700 holder

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- Available in multiple configurations
- Wall mount configuration for step van and settlement room
- Easy loading of paper (up to 3-ply) from internal or external paper trays
- 512k flash memory
- Fast two-page-per-minute print speed
- Rugged for use in harsh environments

Physical Characteristics
Length: 381mm (15in)
Width: 419mm (6.5in)
Depth: 130mm (5.13in)
Weight: 5.67kg (12.25lbs)

6808 Portable Receipt Printer

- Rugged design built for field environment
- Lightweight, belt-clip mounting for hands-free mobility
- Rechargeable battery provides ample power for all-day printing
- Wireless IRDA interface to mobile computer

Physical Characteristics
Length: 167mm (6.56in)
Width: 172mm (6.8in)
Depth: 66mm (2.6in)
Weight: 575g (20.3oz)

782 Workboard

- One-piece design holds 700 Series securely
- Lightweight, rugged and weather resistant
- Resilient high density polyethylene case
- Lithium-ion battery
- Supports user downloadable character sets
- 4 Mbits of flash memory
- Power saving sleep mode
- Optional magnetic stripe/smart card reader available

Physical Characteristics
Length: 290mm (11.42in)
Width: 213mm (8.40in)
Height: 67mm (2.63in)
Weight: 815.4g (28.76oz) without paper

Mini-land line Modem

- V.90 standard, 56KBPS speed
- Easy to install
- LED indicators display modem status
- Highly portable pocket-sized
- Internationally approved

Physical Characteristics:
Length: 84mm (3.32in)
Height: sculpted plastic from 25 to 37mm (.97 to 1.45in)
Width: 42mm (1.65in)
Weight: 85g (3oz)

Intermec 700 Series docking stations are designed for use in mobile computing environments. They withstand temperature extremes, static electricity and vibrations while providing a reliable means of charging and communicating with the mobile computers. 700 Series accessories complete the product line, adding utility and convenience.

Vehicle dock & cradle
(shown with stand)

- Provides a secure place to store the 700 Series mobile computer in a vehicle
- Full access to touch screen and all keys while in dock
- One-handed insertion and removal
- Option for RS-232 connectivity via DB-9 connector to printers and other serial devices
- Option for DC power jack to support charging of the mobile computer

Physical Characteristics:
Length: 159mm (6.25in)
Width: 111mm (4.37in)
Depth: 58mm (2.3in)
Weight: 284g (10oz)

Single unit desktop dock

- Ideal for home and small depot environments
- Charges the 700 Series mobile computer and a spare battery
- Charge indicators provide charge status of spare battery
- RS-232 serial port with DB-9 connector for use with modems, Active Sync cable and printers
- Ethernet 10-BaseT LAN and connectivity

Physical Characteristics:
Length: 114mm (4.5in)
Width: 149mm (5.9in)
Depth: 57mm (2.25in)
Weight: 1181g (2.6lb)

Multi-unit depot dock

- Holds four Intermec 700 Series mobile computers for charging and communications
- Full access to touch screens and all keys while in dock
- Ethernet 10-BaseT LAN connectivity with integrated hub
- Can be mounted on a countertop or wall

Physical Characteristics:
Length: 114mm (4.5in)
Width: 531mm (20.9in)
Depth: 61mm (2.4in)
Weight: 1658g (3.65lb)

Scan Handle

- Attaches to 700 Series without extra tools; designed for easy insertion and removal
- Ergonomically designed handle and trigger mechanism allows for fatigue-free use
- 700 is positioned horizontally for convenient access to display and keypad
- Access to the 700 Series battery compartment allows the user to change the battery pack without removing the handle

Physical Characteristics (with 700 installed):
Weight: 624g (22oz)
Size: 3.7" x 7.5" x 1.7" (94x191x43mm) plus 2.0" x 4.6" x 1.1'' (51x117x28mm) volume at base of the handle for the handle grip (handle and handheld overall dimensions)

Accessories

Intermec 700 accessory items include holsters, carry cases, multi-pack, external battery charger, power and data cable and Compact Flash cards.

6920 Communcations Server
The 6920 Communication Server is a communication and management software product to support successful implementation and maintenance of mobile computer systems. 6920 provides management of application software, system software, and synchronizationof data with 700s using industry standard Ethernet and PPP dial-up methods. 6920 brings your mobile workers to the enterprise.

Standard software

The 700 Series runs applications developed for Microsoft Windows for Pocket PC operating system. The Intel StrongARM SA-1110 processor provides the processing power needed for today's demanding business applications, such as Intermec's RoutePower®, ArciTech™ and **i-gistics™** products.

Investment protection

The open architecture of the 700 Series protects your investment and provides a migration path to new technologies. The 700 Series is built upon industry standards such as Pocket PC, TCP/IP, Wi-Fi and Ethernet.

Device management

The 700 Series is designed to provide easy device management within the enterprise. Applications can be installed or removed, configurations changed, and the operating system upgraded, all through remote management tools. Remote control capability is provided for troubleshooting and problem resolution.

Complete systems that work

The 700 Series provides a suite of fully integrated system components, including a wide selection of peripherals and accessories. Applications and communication software products are also available to help business process automation needs. The Intermec 700 Series can help businesses worldwide improve their operations, increase mobile worker efficiency, and build a better bottom line.

Physical Characteristics

Length: 184 mm (7.25 in.)
Width: 89 mm (3.5 in.)
Height: 38 mm (1.5 in.)
Weight: Under 454 grams (16oz) with battery

Environment

Operating Temp:
-20° to +60° C (-4° to +140° F)
Storage Temp:
-30° to +70° C (-22° to +158° F)
Relative Humidity:
5% to 95% (non-condensing)
Rain and Dust Resistance:
IP54 compliant
Drop Spec: Withstands 4' drop, 26 times–all edges, corners, surfaces to a hard surface.

Power

Battery Type: Lithium-Ion
Battery System: 1800 mAh, customer replaceable
Battery Life: 8-10 hours (application dependent)
Recharging Time: 4 hours

Operating System

Microsoft Windows for Pocket PC 2002

Hardware

RAM Memory: 64MB (approximately 45MB available for customer use)
Microprocessor: Intel StrongARM SA-1110 RISC processor, 206MHz
Internal Cards:
- CompactFlash (32MB standard)
- PC Card Type II (not user accessible)
Display: Monochrome LCD, 3.8" (97mm), 240x320 pixels, Electroluminescent (EL) backlight

Standard Communications

RS232, IrDA 1.1 (115kbps), 10 Base-T Ethernet

Scanners

Integrated linear or PDF417 laser scanner

Scan Engine Specifications

	Minimum	Maximum
5 mil	2.0 in. (5.1 cm)	5.2 in. (13.2 cm)
7.5 mil	1.7 in. (4.3cm)	8.0 in. (20.3 cm)
10 mil	1.8 in. (4.6 cm)	10 in. (25.4 cm)
100% UPC	1.9 in. (4.8 cm)	13 in. (33 cm)
20 mil	*	20 in. (50.8 cm)
40 mil	*	25 in. (63.5 cm)
55 mil	*	30 in. (76.2 cm)

* Dependent on symbol width

Integrated Radio Options

LAN: 802.11b (Wi-Fi certified)
WAN: GSM, CDPD, DataTAC, Mobitex
PAN: Bluetooth compatible wireless printing

Regulatory Approvals

FCC Part 15 Class B
UL Listing
CE Mark
CB Report

* Bluetooth is a trademark owned by Bluetooth SIG, Inc., USA.

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WiFi™
The Standard for Wireless Fidelity.