

Product Profile

- Rugged, ergonomic design for full-day use
- Highly configurable and upgradeable, allowing up to 3 integrated wireless communication options in the same device
- Part of a proven and comprehensive solution set including mobile printers, centralized system and device management products, peripherals, and accessories
- Combines the power and speed of the Intel® XScale™ processor and the Microsoft® Windows Mobile for Pocket PC operating system
- Available with either integrated imaging or laser scanning technologies
- Large, transfective color display provides crisp, vivid screen for high contrast both indoors and out
- Numeric and full alphanumeric keypad options



GPRS/EDGE only

7 4 1 B / 7 5 1 B / 7 6 1 B C O L O R M O B I L E C O M P U T E R

Rugged Enterprise Mobility

Whether on the road, in the field, or on the factory floor, mobile workers demand rugged, reliable tools to do their jobs. Bringing updated technologies to the front-line worker, the Intermec® models 741, 751 and 761 mobile computers build on the proven, unprecedented success of the 700 Color Series. Designed from the ground up for use in harsh environments, the 700 device can withstand multiple 6-ft. (1.8 m) drops to concrete and is sealed against rain and dust. The ergonomic case design is sculpted and balanced, maximizing user comfort during long-term use. Radio and scanner options are integrated, not add-ons, which means they are tested to the same ruggedness standards, and don't compromise the environmental or functional characteristics of the unit.

Scaleable, Comprehensive Package

In addition to the large, brilliant color display, Intel® XScale™ processor, and Microsoft® Windows Mobile® for Pocket PC, the 700 Series' customer configurable design allows the integration of up to three radios (WLAN, WWAN, Bluetooth) in a single device. On-board wired Ethernet is standard on the 700 Series, and unlike many competitive devices, true Ethernet speeds are maintained. In addition, the built-in Flash ROM folder allows permanent storage of applications, drivers and start-up files on non-volatile flash memory. In addition, Intermec's Read-CareSM Deployment Services provide

WWAN activation, provisioning and logistics control so that the 700 Series customer is up and productive "right out of the box".

Data Collection

Offering both laser and imaging scanning options, Intermec's imaging technologies further enable device capabilities by enabling: omni-directional decoding - eliminating the need to line up the scan beam perpendicular to the bars; image capture - allowing for the storage of black and white photographs and signatures for applications such as proof of delivery, market surveys and field inspections; as well as decoding standard linear 1D, 2D matrix, stacked and composite barcodes.

Cross Functional Deployments

Whether your application is stand-alone, client-server, browser-based, or terminal emulation, the 700 Color is the right tool for the job. It's comprehensive feature set allows for a single device to provide cross functional capabilities. Your day's start-up activities can begin on-premise, utilizing wireless LAN access points for cross docking or load planning applications and move off-premise to the delivery vehicle, utilizing wireless wide-area voice and data services, all the while using Bluetooth compatible networking to print. **Whatever your communication requirements, the 700 Color has you covered.**

ACCESSORIES

Complete Systems That Work

The 700 Color is part of a suite of fully-integrated system components, including a wide selection of peripherals and accessories. Intermec systems are designed to meet the needs of the business enterprise. Applications and communication software products are available to address business process automation needs – including software to remotely configure and manage devices from a central location. The Intermec 700 Color can help businesses worldwide improve their operations, increase mobile worker efficiency, and build a better bottom line.

Portable Receipt Printers



- Rugged design built for field environment
- 2" and 4" paper options
- Lightweight, belt-clip mounting for hands-free mobility
- Bluetooth compatible wireless printing, IrDA and RS-232 serial communications
- Rechargeable customer replaceable, Lithium-Ion battery provides ample power for all-day printing
- Wireless IrDA interface to mobile computer

Physical Characteristics for models PB40 and PB41:

Dimensions:

167mm L x 172mm W x 66mm D
6.56in L x 6.8in W x 2.6in D

Weight: 932 gms (32.9 oz) with batteries and paper)

Physical Characteristics for models PB20 and 681T:

Dimensions:

144mm L x 112mm W x 616mm D
5.65in L x 4.39in W x 2.40in D

Weight: 393g (13.85 oz) without paper; 418g (14.72 oz) with paper

Workboards



- One-piece design holds 700 series securely while providing 2" or 4" printer receipts
- Lightweight, rugged and weather resistant
- Self powered with Lithium-Ion battery to support all day printing need
- Supports user downloadable character sets
- 4 Mbits of flash memory
- Power saving sleep mode

Physical Characteristics for model 782T:

Dimensions:

290mm L x 213mm W x 67mm H
11.42in L x 8.40in W x 2.63in H

Weight: 815.4g (28.76oz) without paper; the weight with paper is 29.63 oz. 840 gms or 30.48 oz

Physical Characteristics for model PW40:

Dimensions:

21 cm L x 35.25 cm W x 6.7 cm H
8.24 in L x 13.9 in W x 2.62 in H

Weight: 1.13 kg (2.51 lbs.) without paper; 1.39kg (3.07 lbs.) with paper

Vehicle Dock and Cradle (shown with stand)



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

Physical Characteristics:

Dimensions:

159mm L x 111mm W x 58mm D
6.25in L x 6.25in x 2.3in D

Weight: 284g (10oz)

Vehicle Dock and Cradle



- Ideal for home and small depot environments
- Charges the 700 Series mobile computer
- Supports RS-232 serial port with DB-9 connector, Active Sync cable and printers; Ethernet 10Base-T LAN; or USB host.

Physical Characteristics:

Dimensions:

114mm L x 133mm W x 64 mm
4.5in L x 5.25in W x 2.5in D

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 10/100 Base-T LAN connectivity with integrated switch or charge only option
- Can be mounted on a countertop or wall

Physical Characteristics:

Dimensions:

114mm L x 531mm W x 61mm D
4.5in L x 20.9in W x 2.4in D

Weight: 1658g (3.65lb)

Scan Handle



- Attaches to 700 Series without extra tools; designed for easy insertion and removal
- Handle option to allow for docking with handle attached.
- 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):

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)

Weight: 624g (22oz)

Adapter Modules

The 700 Series adaptation of snap-on modules accessories easily enables applications requiring support for long-range scanning; mag stripe reading (MSR) and dial-up modem capabilities.

Mag Stripe Reader*



- Reads cards up to .055 inches (1.4 mm) thick
- Supports ANSI, ISO, AAMVA, CA DMV and User Configurable Generic Formats
- Snap on retainment features for temporary attachment
- Thumb screws for semi-permanent attachment
- Ability to charge unit via cable or dock while adapter is attached.
- Battery accessible with module attached

Dimensions:

3.55in W x 3.25in L x 1.45in D

*The Mag Stripe Reader is NOT RoHS certified.

3.3 Volt to 5 Volt Scanner Adapter



- 3.3 Volt to 5 Volt Boost converter with DB9M RS-232 interface
- Snap on retainment features for temporary attachment
- Attachable with thumb screws for semi-permanent attachment
- Battery accessible with module attached

Dimensions:

3.52 in W x 2.63in L x 1.39in D

Snap-On Modem



- Supports V.90 for download speeds upto 56 Kbps
- LED's to indicate connection status
- Connects to a standard RJ-11 phone jack
- Battery accessible with module attached
- Ability to charge unit via cable while adapter is attached.

Dimensions:

3.55in W x 3.45in L x 1.45in D

Accessories



The Intermec 700 series support a full line of accessory items including: holsters, carry cases, multi-pack external battery charger, power and data cables, compact flash and secure digital cards.

Physical Characteristics

Length: 191 mm (7.53 in.)
Width: 90 mm (3.5 in.)
Height: 50 mm (1.97 in.)
Weight: 483-568 grams (17-20 oz)
 depending on options

Environmental

Operating Temp:
 -20° to +60°C (-4° to +140°F)
Storage Temp:
 -20° to +60°C (-4° to +140°F)
Relative Humidity:
 5% to 95% (non-condensing)
Rain and Dust Resistance:
 IP64 compliant
Drop Spec: 6 ft., (1.8 meter) MIL-STD
 810F

Power

Battery Type: Lithium-Ion, 7.2V,
 2400 mAh, customer replaceable
Battery Capacity: 17.3 Watt-hours
Battery Life: 9-12 hours, application
 dependent
Recharging Time: 4 hours

Operating Systems

Microsoft® Windows® for Pocket PC
 Windows Mobile® 2003
 Windows Mobile® 5.0 (741B & 751B
 models only)

Microprocessor

Intel® XScale™ Processor, 400 MHz

Memory and Storage

RAM Memory: 64 MB (128 MB
 optional)
Flash ROM: 64 MB; includes ROM
 folder for application storage

Internal Slots

- Secure Digital (SD)
- CompactFlash (CF) Type II

Display

Transflective, 240x320 pixels, 3.8 in. (97
 mm) diagonal, 256 K colors

Standard Communications

RS232
 IrDA 1.1 (115 kbps)
 10/100 Base-T Ethernet
 USB Client

Integrated Radio Options

LAN: 802.11b/g (Wi-Fi certified)
WAN: GSM/GPRS/EDGE, CDMA/1xRTT
Bluetooth™

Modem

- Optional v.90 modem snaps on
 to 700 Color
- v.92 docking options

Integrated Scanner Options

- Area imager
- Linear imager
- Standard Range laser

Keypad Options

- Numeric
- Full alphanumeric

Cisco Compatible

Version 1
 Version 2

ReadiCareSM Activation and Provisioning Services

WWAN Carrier Provisioning
 WWAN Carrier Activation
 Software Configuration
 Tagging
 Operational Testing
 Packing, Storage & Staging

For additional details, go to:

<http://www.intermec.com/>
 WWANActivationandProvisioning

Regulatory Approvals

FCC Part 15 Class B
 UL Listing
 CE Mark
 CB Report

Hazardous Location Certified (741 & 751 models only)

UL Listing (United States and
 Canada) Division 2, Class I, Groups A,
 B, C, D

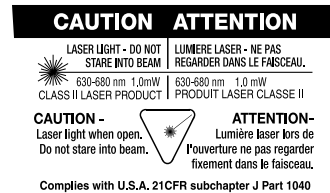
ATEX Directive (741 & 751 models only)

Zone 2, IICEx nL IIC T6
 UL 3' Drop Specifications
 IP40 Compliant
Operating Temp: -10° to +40°C (+14°
 to +104°F)

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 Media, Outlook, and ActiveSync are registered
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**North America**

Corporate Headquarters
 6001 36th Avenue West
 Everett, Washington 98203
 tel: 425.348.2600
 fax: 425.355.9551

550 2nd Street S.E.
 Cedar Rapids, Iowa 52401
 tel: 319.369.3100
 fax: 319.369.3453

Media Supplies
 9290 Le Saint Drive
 Fairfield, Ohio 45014
 tel: 513.874.5882
 fax: 513.874.8487

Canada

7065 Tranmere Drive
 Mississauga, Ontario
 L5S 1M2 Canada
 tel: 905.673.9333
 fax: 905.673.3974

Europe/

**Middle East & Africa
 Headquarters**
 Reading International Business Park
 Basingstoke Road
 Reading RG2 6DD
 United Kingdom
 tel: 44.118.923.0800
 fax: 44.118.923.0801

Asia

Asia Regional Office
 #05-02A/03 New Tech Park
 151 Lorong Chuan
 Singapore 556741
 tel: 65.6303.2100
 fax: 65.6303.2199

Beijing Representative Office

29 FL, Unit A1, China Merchant Tower
 118 Jian Guo Road
 Chaoyang District, Beijing 100022
 Tel: 86.10.5165.5922
 Fax: 86.10.6567.6778

Australia

Level 4, 1-3 Atchison Street
 St. Leonards, NSW 2065
 Australia
 tel: 61.2.9330.4400
 fax: 61.2.9437.0204

South America & Mexico

Intermec South America Ltda.
 Rua Samuel Morse 120 9 andar
 Brooklin CEP04576-060
 São Paulo, SP
 Brazil
 tel: 55.11.5502.6770

Intermec Technologies de Mexico

Av Tamaulipas #141, Primer Piso
 Col. Hipodromo Condesa
 Mexico, DF, 06140 Mexico
 tel: 525.55.241.4800
 fax: 525.55.211.8121

Internet

www.intermec.com

Sales

800.934.3163
 (toll free in N.A.)
 tel: 425.348.2726

OEM Sales

tel: 425.348.2762

Customer Service and Support

800.755.5505
 (toll free in N.A.)
 tel: 425.356.1799

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In a continuing effort to improve our
 products, Intermec Technologies
 Corporation reserves the right to
 change specifications and features
 without prior notice.



BARCODING, WIRELESS AND DATA COLLECTION

Our customers turn to us to help them become more productive and profitable. TPI's expertise guarantees your project will be successful: on time, on budget and meet your ROI requirements.

TPI will facilitate your entire wireless and data collection project:

- ✓ *Business analysis*
- ✓ *Project justification & ROI*
- ✓ *Wireless design, RF site survey and spectrum analysis*
- ✓ *WWAN, WLAN design & installation*
- ✓ *Custom software*
- ✓ *Integration w/legacy systems*
- ✓ *Mobile computers*
- ✓ *Data collection terminals*
- ✓ *Barcode printers, labels and scanners*
- ✓ *RFID solutions*
- ✓ *Configuration and deployment*
- ✓ *Training and installation*
- ✓ *Service and upgrades*
- ✓ *Remote device management and support*

TPI can share best practices in data collection from a number of industries including wholesale distribution, manufacturing, healthcare and retail/consumer goods. Our expertise allows you to shorten your learning curve and increase your return on investment.

Product specification sheet provided by TPI

www.tpi1.com
888-488-4244

