

## Product profile

# 7X1

## Mobile Computers



- 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

### 741B / 751B / 761B Color

#### 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 ReadCare<sup>SM</sup> 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.



**Intermec**  
Honours Partner

## 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.

## 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 H

4.5in L x 5.25in W x 2.5in D

**Weight:** 1181g (2.61lb)

## Multi-unit Depot Dock



- Holds four Intermec 700 Series mobile computers for charging and communications
- Full access to touchscreens 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 up to 56Kbps
- 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

### ReadiCare™ 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)

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

Microsoft, Windows, the Windows logo, Windows Media, Outlook, and ActiveSync are registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

Intel® and XScale™ are trademarks of Intel Corporation.



**LOGICCODE SA**  
Str. Mihai Romănu nr. 5B,  
400495 Cluj-Napoca  
Tel: 0364 409108,  
0731 307621  
informatii@logiccode.ro  
www.logiccode.ro



Copyright © 2007 Intermec Technologies Corporation. All rights reserved. Intermec is a registered trademark of Intermec Technologies Corporation. All other trademarks are the property of their respective owners. Printed in the U.S.A.

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

