



## 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**

### 7 4 1 / 7 5 1 / 7 6 1 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 Intermecc® 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 5-ft. (1.5 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.

#### Data Collection

Offering both laser and imaging scanning options, Intermecc'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 6808, 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
- Optional magnetic stripe/smart card reader available

#### 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 W 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

## 3.3 v to 5 Volt Scanner Adapter



- 3.3 V to 5 V Boost converter with DB9M RS-232 interface
- Supports 1550, 1551 and 1400 Intermec scanners
- 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:**

-10° to +60°C (+14° 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:** 5' drop, 26 times onto  
concrete**Power****Battery Type:** Lithium-Ion, 7.2V, (2 x  
2000 mAh cells), customer replaceable**Battery Capacity:** 14.4 Watt-hours**Battery Life:** 8-12 hours, application  
dependent**Recharging Time:** 4 hours**Operating System**

Microsoft® Windows® for Pocket PC

**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 Base-T Ethernet

USB Client

**Integrated Radio Options****LAN:** 802.11b/g (Wi-Fi certified)**WAN:** GSM/GPRS, CDMA/1XRTT  
Bluetooth™ compatible module**Modem**

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

**Integrated Scanner Options**

- Area imager
- Linear imager
- 1D laser
- PDF 417 laser

**Keypad Options**

- Numeric
- Full alphanumeric

**Cisco Compatible**

Version 1

Version 2 (future)

**Regulatory Approvals**

FCC Part 15 Class B

UL Listing

CE Mark

CB Report

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