

Product profile

7X1

Mobile Computers



- 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, transreflective 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 ReadiCareSM 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.

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 (2.61lb)

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

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)

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