

Exhibit N: User Guide 1

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User's Guide

*P/N 961-054-024
Revision B
April 2001*

700 Series Mobile Computer



A **UNOVA** Company

P/N 961-054-024 Revision B

* 961054024 *



700 Series Mobile Computer
USER'S GUIDE

PN: 961-054-024
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4,709,202	5,468,947	5,805,807
4,737,702	5,488,575	5,862,171
4,845,419	5,504,746	5,883,492
4,885,523	5,508,599	5,883,493
4,961,043	5,567,925	5,889,386
5,195,183	5,592,512	5,892,971
5,218,187	5,610,595	5,898,162
5,227,614	5,617,343	5,940,771
5,278,487	5,619,117	5,949,776
5,295,154	5,627,412	5,986,435
5,331,136	5,657,317	6,006,100
5,349,678	5,671,436	6,014,705
5,371,858	5,682,379	6,075,340
5,394,436	5,696,903	

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Section 1

General Information

Introduction

Congratulations on purchasing the Intermec 700 Series Mobile Computer. The 700 Series delivers many features to support its use in a wide variety of applications.

- Pocket size with superior ergonomics
- Optional integrated LAN and WAN radios
- Optional linear (1D) and PDF417 integrated scanning
- Microsoft[®] Pocket PC operating system
- Intel StrongARM processor for superior performance
- Standard Ethernet communications
- Keypad for fast data input
- Complete solution with software, peripherals, and accessories

About this User's Guide

Section 1

Contains general information about the components of your Intermec[®] 700 Mobile Computer. This includes telling you how the user guide is organized, a summary of the sections, and the specifications.

Section 2

Tells you how to prepare for using your computer.

Section 3

Contains routine maintenance information for your computer. Routine maintenance includes recharging the battery, and cleaning the computer.

Section 4

Takes you through procedures to use when troubleshooting your computer. This section does not contain all troubleshooting that can be done by an authorized Customer Support Specialist, but does contain information to aid you in determining the level of assistance you may need.

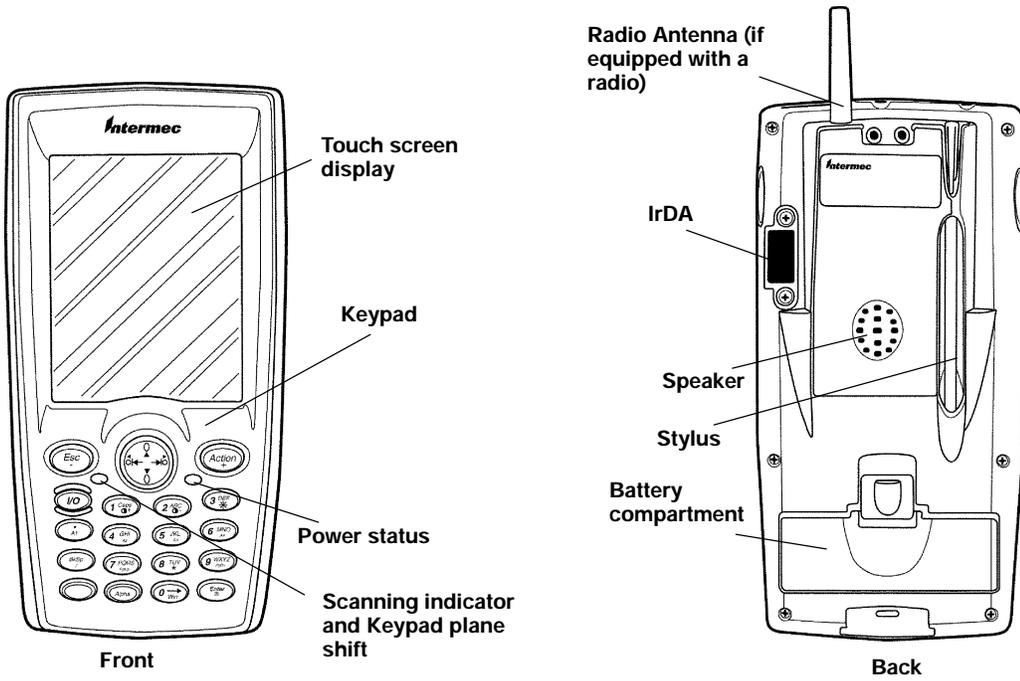
Glossary

Contains definitions to words or phrases used in this user's guide.

Index

An alphabetically listing of the subjects and page numbers contained in this user's guide.

Components of the 700 Series



*Figure 1-1
Front and Back View*

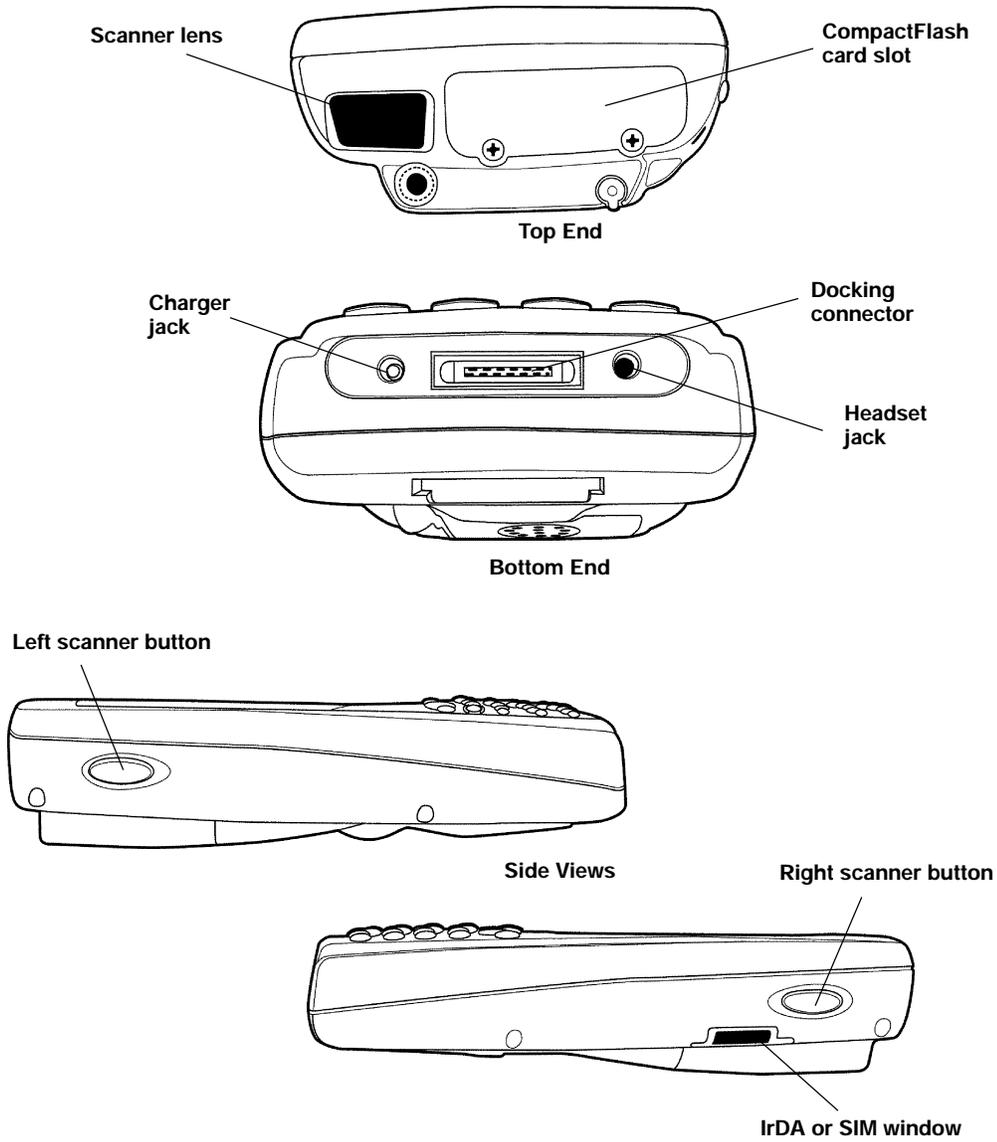


Figure 1-2
Top, Bottom, and Side Views

700 Series Mobile Computer Keypad

The 700 Series Mobile Computer provides a 19 key keypad plus two side scanner trigger buttons. The keypad supports two “shifted planes” to provide access to additional features. These keys controlling the switching of the planes are color-coded on the keypad.

ON/OFF (Suspend and Resume) Key

In order to conserve power, your Industrial Mobile Computer automatically suspends when there has been no activity for a set period of time. The suspend time can be programmed through the setup parameters (settings/system/power) for your computer.

To force a Suspend, press and release the  key, or a key that may be defined as the suspend key.

To resume operation, press the  key.

Pressing and holding the  key for 10 seconds does a warm reset.

Pressing either of the side yellow scanner buttons resumes your mobile computer from a suspended mode.

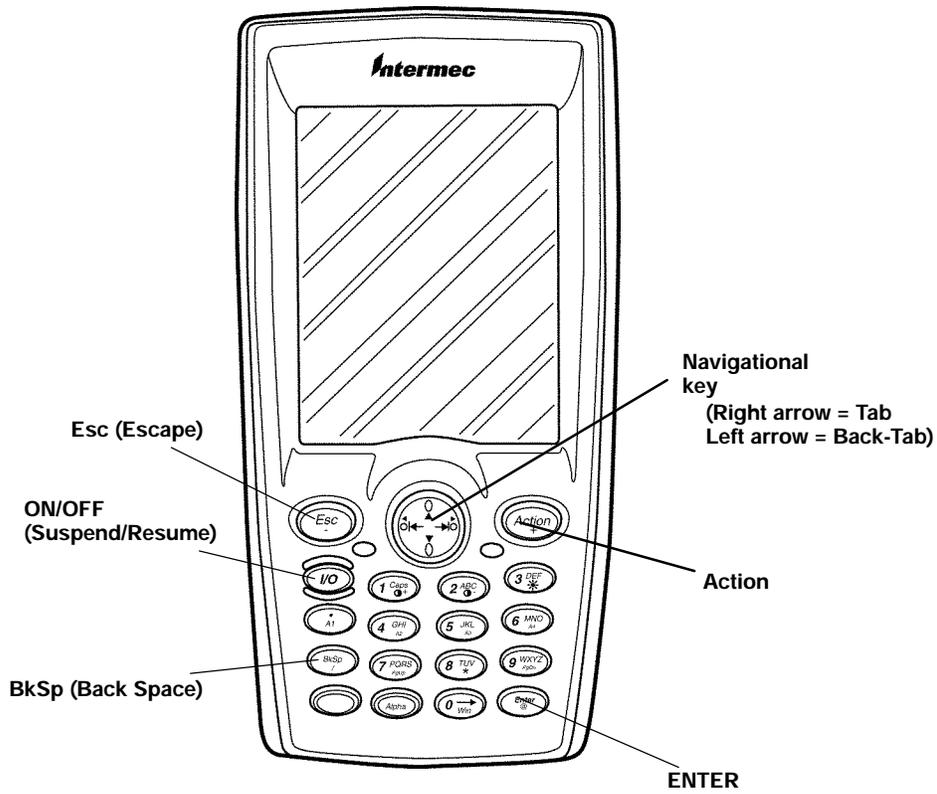


Figure 1-3
19-Key Keypad

[Gold] Plane Keys

The **[Gold]** plane provides access to display controls special characters, and Pocket PC keys.

Hold down and press desired gold plane key functions.

Continue to hold down the **Gold**  key for each gold plane key stroke you wish to make.

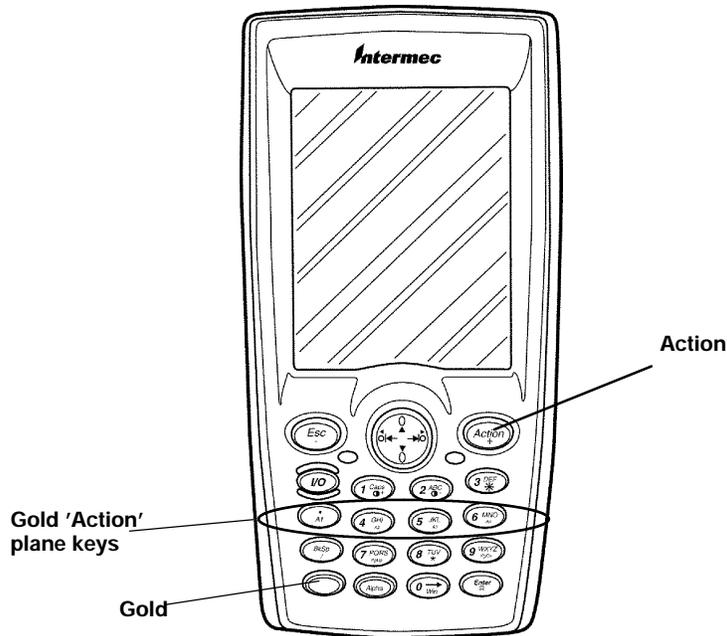


Figure 1-4
Gold Plane Keys

Gold Plane Keypad Functions

Holding down the **Gold**  Key and then a gold plane key allows additional keypad functions. These functions are shown in Table 1-1.

Table 1-1
Gold Plane Keypad Functions

Gold +	Icon	Result
1		Increases display screen contrast
2		Decreases display screen contrast
3		Toggles Backlight on and off
.	A1	Pocket PC default 'Calendar' application
4	A2	Pocket PC default 'Notes' application
5	A3	Pocket PC default 'Tasks' application
6	A4	Pocket PC default 'Contacts' application
7	PgUp	Page Up
8	*	Asterisk
9	PgDn	Page Down
0	Win	Pocket PC 'Start' Menu
Enter	@	At symbol
BkSp	/	Slash
Esc	-	Minus sign
Action	+	Plus sign
Right tab		Right arrow
Left tab		Left arrow

Blue [Alpha] Keys

Press the blue  key and keys stay in the Alpha mode until you press the blue key again.

NOTE:

While in the alpha plane, the keys are somewhat "sticky" therefore, the shift LED glows red when you are in the Alpha mode.

Pressing the blue  **Alpha mode**  **Caps key** allows for the next letter to be capitalized. To get an alpha key, press the key with the corresponding letter the same number of times as the letter position on the key

EXAMPLE:

If you want a 'C' press  three times.

If you need a letter that is on the same key as the last letter entered. Wait two seconds after the last key press then the next key press will be the new letter.

Note: a space is the 0  key.

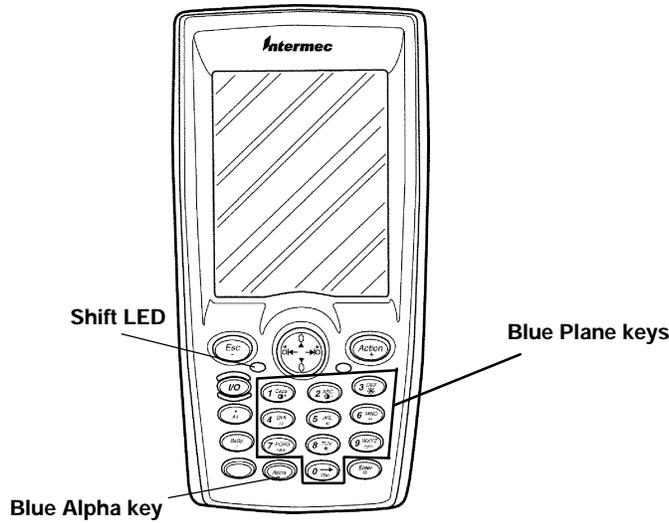


Figure 1-5
Blue Plane Keys

Table 1-2
Blue Plane Keypad Functions

Blue Alpha +	Icon	Result
1	Caps	Pressed keys type capital letters until sequence is repeated
2	ABC	Selecting Blue Alpha then pressing '2' once types A, press again types B, again types C
3	DEF	Selecting Blue Alpha then pressing '3' once types D, press again types E, again types F
4	GHI	Selecting Blue Alpha then pressing '4' once types G, press again types H, again types I

Table 1-2 (continued)
Blue Plane Keypad Functions

Blue Alpha +	Icon	Result
5	JKL	Selecting Blue Alpha then pressing '5' once types J, press again types K, again types L
6	MNO	Selecting Blue Alpha then pressing '6' once types M, press again types N, again types O
7	PQRS	Selecting Blue Alpha then pressing '7' once types P, press again types Q, press again types 'R' again types S
8	TUV	Selecting Blue Alpha then pressing '8' once types T, press again types U, again types V
9	WXYZ	Selecting Blue Alpha then pressing '9' once types W, press again types X, again types Y, again types Z
0	→	Selecting Blue Alpha then pressing '0' once moves the cursor forward

Display

This 700 Series Mobile Computer offers an easy to read Liquid Crystal Display (LCD) with touch screen. Use the keypad controls to adjust the display for optimal viewing

Adjust Contrast

To adjust the display contrast level, hold down the **[Gold]**

key and press either  to increase or  to decrease.

Backlight On/Off

To turn the backlight on, hold down the **[Gold]** key and press the  key. To turn the backlight off, hold down the **[Gold]** and press the  key again.

Battery

NOTE: *It is important to charge your Mobile Computer for at least 4 hours before you use it the first time.*

The 700 Series Mobile Computer uses a 1800 mAh Lithium Ion rechargeable battery. The computer will automatically monitor the battery power level. When the battery reaches 30% of full capacity, your computer will blink the red Low Battery LED.

A number of conditions affect how long your mobile computer operates before going into low battery. Conditions such as, scanning, time the backlight remains on, the temperature you are using your mobile computer in, and radio activity greatly affect operational hours.

Temperatures at both extremes will reduce operation time and battery life.

Cold Temperatures

Cold temperatures significantly reduce the run down time. Just like in an automobile, the “cold cranking amps” or the energy available at cold temperatures is reduced. For Lithium batteries, the energy available at -4^{d} F (-20^{d} C) may be only 20-40% of the energy available at 68^{d} F (20^{d} C).

High Temperatures

Additionally, the amount of energy available above 68^d F (20^d C) does not increase all that much. Exposure to temperatures above 104^d F (40^d C) cause the chemicals inside the battery to slowly degrade, thus slowly aging the battery. Therefore, for best battery life, avoid using or storing your mobile computer in high temperature environments.

Guidelines for Hours of Operation

The hours of operation (8-10) shown on the specification page are for a mobile computer in an environment of 72^d F (22.2^d C), using backlight about 10% of the time, no scanning, and no radio installed.

Low Battery Shutdown

If your computer shuts down because of low battery condition, your computer will not operate. The computer does this to ensure that the data is protected. Although the battery will protect the data against loss for several hours, it is best to connect your mobile computer to a power source when you first detect a low battery condition.

Your computer contains an internal super capacitor (a temporary power storage device) that protects data for up to 3 minutes to allow for replacing the main battery pack.

NOTE:

Your computer must be put into suspend mode before changing the main battery to ensure no loss of data.

The battery power fail level is set so that after the system shuts down in a low battery condition, there is still sufficient charge to allow the unit to remain configured, keep proper time and maintain DRAM memory for a minimum of 30 minutes at room temperature *if* the main battery remains in the mobile computer.

The configuration and time becomes lost if:

- The battery is allowed to discharge beyond this level.
- The battery is removed **without** the computer being placed in a *Suspend* mode.
- A cold reset of the unit is performed.

Resetting

In the event that your 700 Series Mobile Computer fails to respond to your input, it may be necessary to “reset.” There are two types of resetting (warm and cold).

Warm Reset

You should always use the warm reset option if at all possible. When doing a warm reset all currently running applications are closed. Data loss occurs if your data is not saved before a warm reset is performed. If you have an application running with unsaved data, save that data before performing the warm reset. All data written to the Pocket PC file system is saved during a warm reset.



To warm reset your computer, press and hold the key for 10 seconds. The display shows a dark vertical line or flash to indicate the warm reset is occurring.

Cold Reset

A cold reset completely clears RAM then reloads the Pocket PC operating system from the CompactFlash card. You will lose everything not saved to the CompactFlash card.

To cold reset your computer:

1. Remove the battery pack.
2. Press the reset button on the floor of the battery compartment.

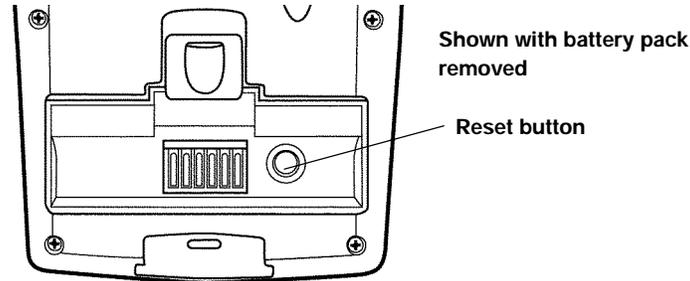


Figure 1-6
Cold Restarting Your Computer

3. Replace the battery pack.

4. Momentarily press the  key. When your computer finishes the boot process you hear what sounds like a loud ring indicating the process is complete.

Memory

The 700 Series Mobile Computer is equipped with 32 MB of SDRAM memory.

SDRAM memory is protected against data loss only by the battery or the super capacitor while in Suspend mode. The battery power fail level is set so that after the system shuts down due to a low battery condition, DRAM memory and the Real Time Clock are maintained for up to 5 hours, as long as the main battery remains installed in the mobile computer.

CompactFlash Slot

The CompactFlash slot is tied directly to the CPU bus, and the unit will not operate without the card installed. Your

unit is shipped to you with the card installed. The non-volatile 3.3 volt CompactFlash card is used generally for storing the operating system, customer application and data requirements.

Flash Upgrade Utilities

" NOTE: *Upgrading flash erases the registry and destroys previous settings*

B CAUTION: **All data and programs loaded into RAM memory will be lost.**

The program that is loaded into flash is called the **bootloader**. The version number of the bootloader doesn't change but the build date does.

When updating system components such as the **bootloader** back up any data you need on to a storage card and then perform a cold reset to your mobile computer. The backup utility of ActiveSync may be very useful to your needs.

To check the build date of the bootloader, reset your mobile computer. The date of the bootloader is on the fifth line down from the top of the screen. In most instances you only want to update the bootloader if you are also updating the PC image on your mobile computer.

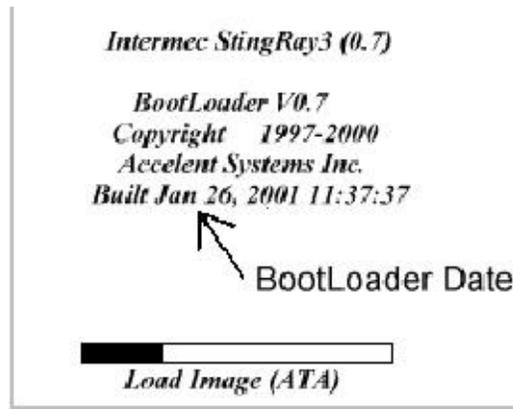


Figure 1-7
Bootloader Build Date

On Your Laptop or Desktop PC

1. Put a CompactFlash (CF) card in the PC Card Reader of your laptop or desktop PC. For the rest of these instructions we will call this card the flash update card.
2. Format the flash update card.
3. Copy **BOOT.BIN** from the C:\Intermec\Intermec 700 tools\tools\Flash Update directory.

NOTE:

BOOT.BIN is usually installed on your hard drive by the 700 System Disk. If the file above is not on your PC you need to get a copy of the 700 System Disk and select to install the 700 tools from there.

4. Verify **BOOT.BIN** is the only file on the flash update card.
5. Remove the flash update card from your PC.

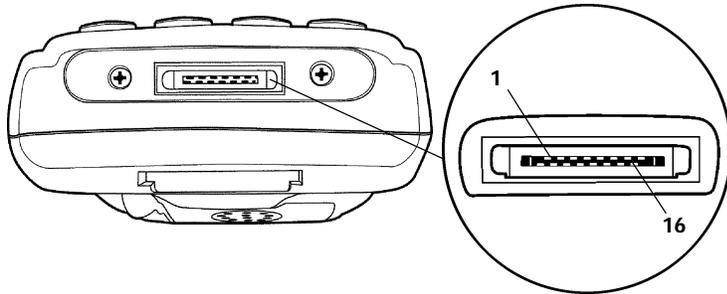
On Your 700 Series Mobile Computer

1. On your mobile computer save any data to the **storage card** directory.
2. Suspend your mobile computer.
3. Remove the two screws on the top of the mobile computer and lift up the access door.
4. Remove the CompactFlash card from your mobile computer. For the rest of these instructions we will refer to this card as the Pocket PC Boot card.
5. Insert the flash update card into your mobile computer.
6. Cold reset your mobile computer by opening the battery compartment and pressing the reset button firmly with a blunt object.
7. Reinsert the battery.
8. Place your mobile computer on a charging source.
9. Press any key to begin the bootloading flash process.
10. When your mobile computer is put on charge you see a “Programming Flash” message at the bottom of the screen. You will then see a progress bar moving across the screen. When the flash update process is done you see a “Reset System” message.
11. Remove the flash update card from your mobile computer.
12. Insert a card containing a image compatible with the flash. Image must be one compatible with the flash.
13. Cold reset your mobile computer by opening the battery pack compartment door and pressing the reset button firmly with a blunt object.
14. Reinsert the battery.
15. Replace the CompactFlash access door and two screws.

Serial Port

Your computer can access serial devices through the mobile computer's serial port, using one of these accessories:

- A serial cable plugs into and latches to the docking connector and provides a standard PC compatible DB-9 (male) serial port.
- An ActiveSync cable plugs into and latches to the docking connector and provides a DB-9 (female) which can be plugged into a standard PC serial port.
- Desktop dock which provides charging and power to the mobile computer. In addition, the desktop dock provides capability for connecting to a network, a printer, and charging for an extra battery pack.
- Multidocks holds four mobile computers and provides charging and operating power for your mobile computer. The multidock provides capability to connect your computers to a local area network (LAN).



<u>Pin</u>	<u>Function</u>	<u>Pin</u>	<u>Function</u>
1	Ethernet TXP	9	RS-232 CTS
2	Ethernet TXN	10	RS-232 DSR
3	Ethernet RXP	11	RS-232 RI
4	Ethernet RXN	12	RS-232 DCD
5	No Connect	13	RS-232 DTR
6	Ground	14	RS-232 RTS
7	Ground	15	RS-232 TxD
8	RS-232 RxD	16	Charging power 10-30 Vdc, 0.5 amp

Figure 1-8
700 Docking Connector

Specifications

Size:	8.9 cm (3.5 inches) wide 18.4 cm (7.25 inches) long 3.8 cm (1.5 inches) tall
Temperature:	
Recommended operating:	0 to +50_C (32 to +122_F)
Extreme operating:	-20 to +60_C (-4 to +140_F)
Storage temperature:	-20 to +60_C (-4 to +140_F)
Weight:	397 g (14 oz with battery)
Humidity:	5 to 95% noncondensing
Static Protection:	17 kV (air discharge) 8 kV (current injection)
Battery:	3.8 V, 1800 mAh lithium ion battery
Hours of operation:	8-10 hours (depending on options and use)
Hours to fully charge:	4 hours
Charging temperature:	0 to +50_C (32 to +122_F)
Communication:	
Interface:	RS-232, Ethernet 10BASE-T (through Dock)
Protocol:	IrDA
System Components:	
FLASH:	512K FLASH array (standard)
RAM:	32 MB SDRAM
Operating system:	Pocket PC
Card options:	CompactFlash Type II
Display:	93 cm (3.75 inches); 240 (wide) 320 (long) pixels, monochrome LCD

Section 2

Operation

This section tells you how to:

- Charge the battery
- “Power-up” your 700 Series Mobile Computer
- Booting up Pocket PC applications
- Pen Calibration Utility
- Reflashing your Mobile Computer
- Scanning a label
- Installing a SIM for a GSM equipped radio card

Getting Started

When you start using your computer or any time that all power has been completely removed, you are “cold booting” it. The method you use depends on your application.

For example you may download the application and data into your computer. Or, you may use CompactFlash cards to load the application and data.

Charging the Battery

Charging your battery pack can be done in a dock or using a separate pack charger, cigarette lighter adapter, or an ac wall charger. Figure 2-1 shows your mobile computer being connected to an ac charger. Figure 2-2 on page 2-3 shows the mobile computer and explains the Power Status conditions that you might see during the charging process. Do NOT remove the battery from your mobile computer while connected to a charger.

Normal time to completely recharge your battery pack is four hours. When your battery is fully charged your mobile computer should run about 8-10 hours (depending on use and options).

NOTE:

If you put your mobile computer into a dock and the battery is already fully charged, the LED turns green and your computer does not automatically wake-up.

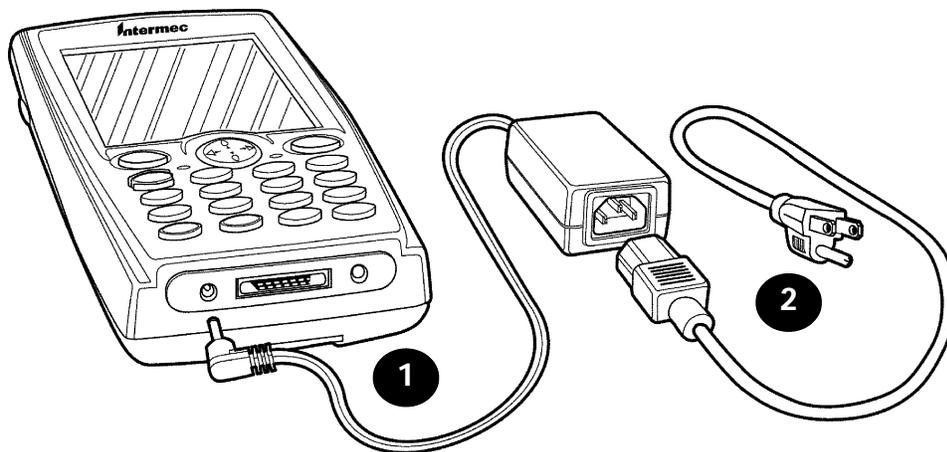


Figure 2-1
Computer Being Connected to a Wall Charger

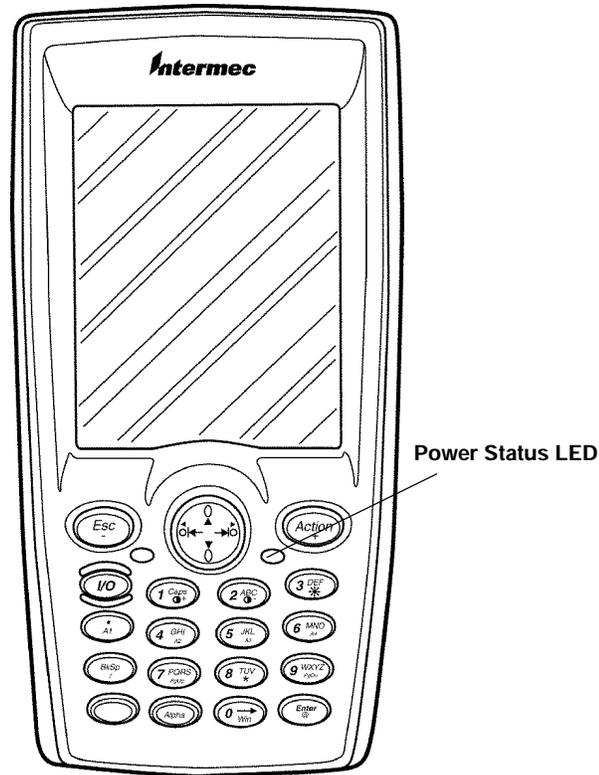


Figure 2-2
Power Status LED

Table 2-1
Power Status LED Indicators

LED	Meaning
Red	Lights whenever you press the I/O key.
Blinking Red	Low battery condition.
Continuous Red	Charging in process.
Continuous Green	Charging complete.
Off	Normal operation, no external power applied.

Using the Voice Recorder

To use a voice recorder with your 700 Series Mobile Computer, plug in the headset (such as the Plantronics Model M135 or equivalent) into the jack on the bottom of your mobile computer.

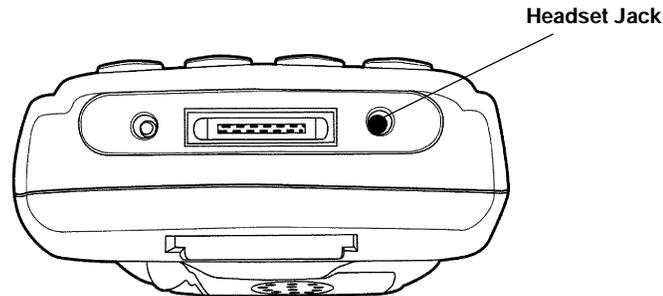


Figure 2-3
Headset Jack Location

Booting Your Computer

For Pocket PC Applications

The following steps outline the initial boot and Pocket PC load on the 700 Series Mobile Computer.

1. The **bootloader** which resides in flash, loads the operating system from the CompactFlash card into RAM.
2. The first time your computer is started you have to calibrate your display screen. Run through the short tutorial, set your time zone region, and then follow the prompts to proceed through this process.

3. The AutoRun feature of Pocket PC searches for the AutoRun.exe in the \2577 folder on the CompactFlash card. If found, this programs is executed.
If no applications are auto started then the “Today” screen appears.

Pen Calibration Utility

Should the pen alignment become too inaccurate to use the touch-screen, follow these instructions to launch the pen calibration applet via the keypad.

1. Press **[Gold]** and **[0]** to open **Start** menu.
2. Use the navigational key to scroll down to settings and press **[Enter]** on settings. On the **Setting** screen you need to get to the **System** tab.
3. Press the down and/or right and left arrows (not tabs) until one of the items on the screen is highlighted.
4. Press right tab until no items on the screen are highlighted.
5. Press the right arrow **[Gold][right arrow]** which brings up the system tab.
6. Press the up or down arrow until “Align Screen” is highlighted.
7. Press the **[Enter]** key on the keypad.
8. Press **[Enter]** again to start the align process.
9. Recalibrate the screen by touching all the targets at the center of the cross hairs.
10. Verify the calibration settings were saved and is now on target.

Scanning a Label

You can scan a barcode by pressing the yellow scanner buttons on either the left or the right side of your mobile computer. The scanning LED will light up green and your mobile computer beeps following a good scan. The scanner buttons also “resume” your mobile computer from a sleep mode.

To gain the best results from the optional integrated scanner, position the lens so it is horizontal with the barcode.

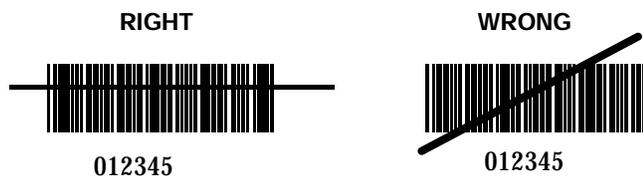


Figure 2-4
Scanning a label

More information regarding configuring your scanner is available in the CDK Tech Reference p/n 978-054-013 and the 700 Series WinCE Tech Reference p/n 978-054-012.

Installing a Subscriber Identity Module (SIM) for Your GSM Radio

1. Using a small Phillips screwdriver, remove the SIM cover from your mobile computer

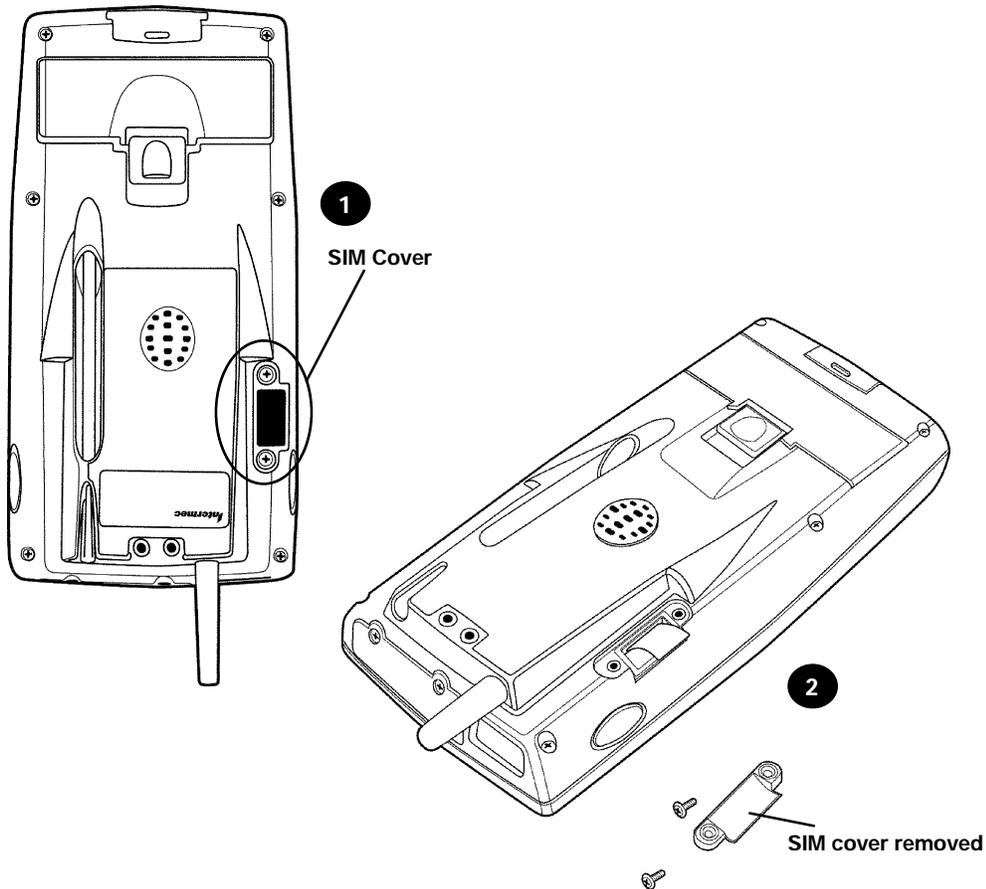


Figure 2-5
Removing SIM Socket Cover

2. Cut away the SIM from the plastic protective card.
3. Attach the acrylic adhesive with paper backing pull tab (p/n)to the SIM.

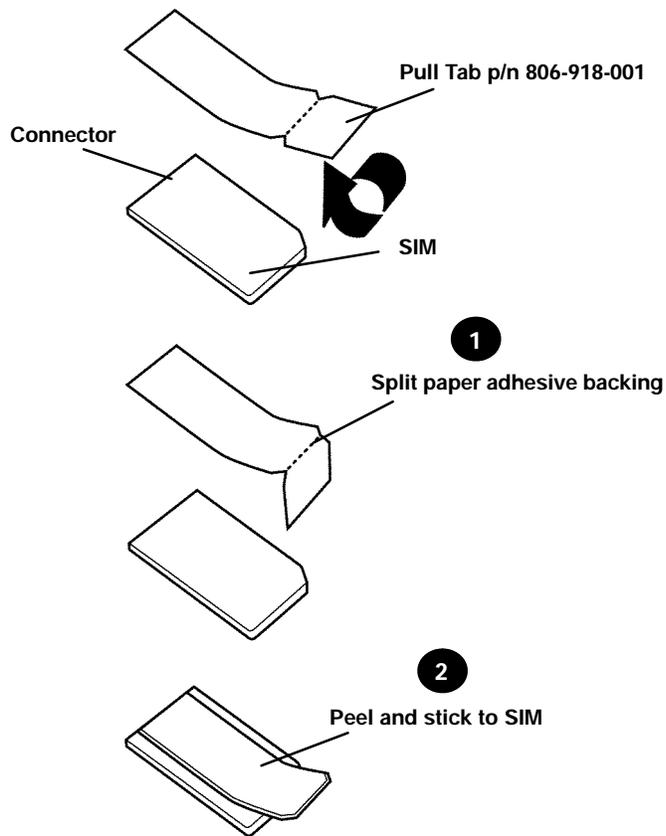


Figure 2-6
Attaching Adhesive Pull Tab to SIM

4. Insert the SIM into the sleeve.
5. Reinstall the cover.

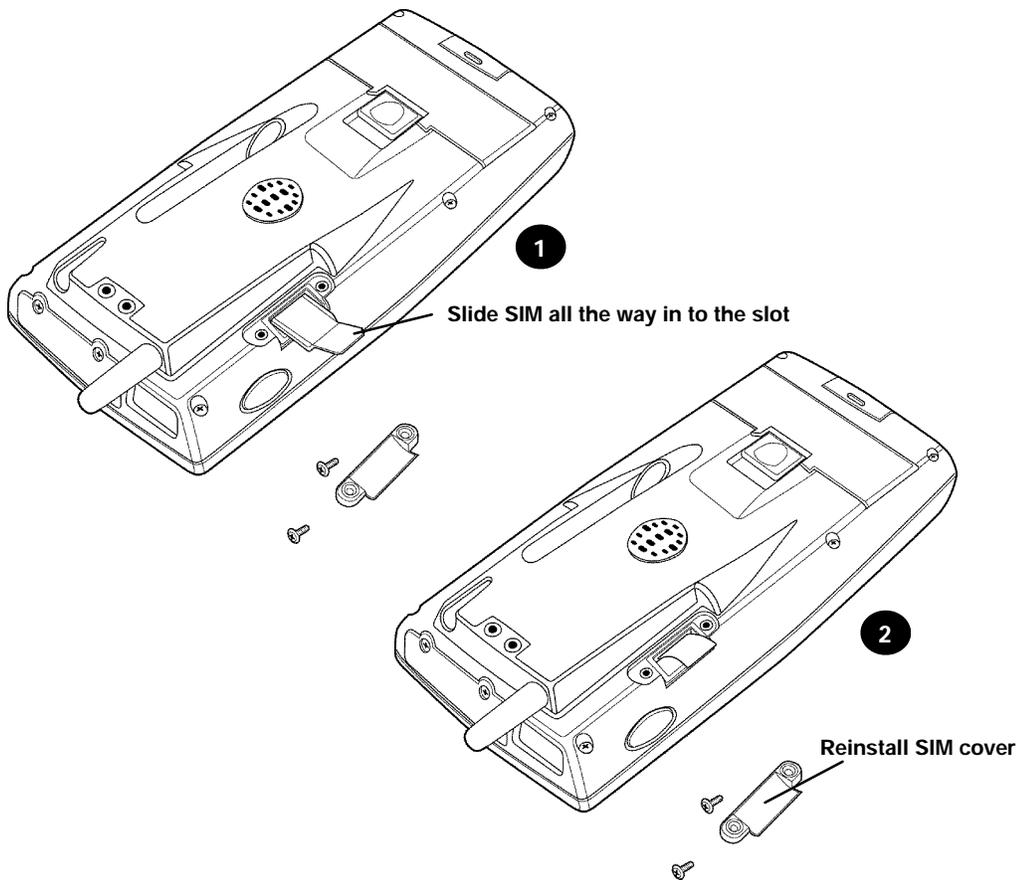


Figure 2-7
Installing the SIM Card

More information regarding configuring your radio is available in the CDK Tech Reference p/n 978-054-013 and the 700 Series WinCE Tech Reference p/n 978-054-012.

Section 3

Routine Care and Maintenance

Your 700 Series Mobile Computer is designed to withstand normal use in harsh environments. The procedures in this section should help keep your mobile computer in good working condition.

Maintenance procedures included in this section provides instructions on identifying low battery conditions, and cleaning your mobile computer.

Low Battery Indication

If you attempt to turn ON your mobile computer and it does not respond, this usually means the battery is run down.

Press the  key, the Power Status LED should light red. If it does not then the battery is dead. Recharge the battery. If it does not respond while in a charging state, another problem could exist. Refer to the **Troubleshooting** section for solutions.

Cleaning Your Mobile Computer

Periodic cleaning helps maintain the appearance and reliability of your mobile computer. When cleaning your mobile computer, inspect the keyboard, covers, display, connectors, and peripheral products for obvious signs of damage or wear.

⚠ CAUTION: Do not use any abrasive cleaning compounds, ketonic solvents (acetone or ketone) or aromatic solvents (toluene or xylene) to clean any part of your mobile computer. These solutions will cause permanent damage.

Never pour cleaners directly on the display or the case. Instead put the cleanser on a soft cloth and gently wipe the case.

Case and Display

We recommend cleaning the exterior of your hand-held computer using a soft cloth dampened with MICRO-CLEAN II cleanser, made by Foresight International, Inc. 4887 F Street, Omaha, NE 68127-0205 (phone: 1-800-637-1344).

Section 4

Troubleshooting

Should you encounter difficulties in routine operation, printing, or communications, there are a few things you may be able to do to correct the problem.

- Refer to your applications (software user) manual for printing and telecommunication procedures.
- Ensure that electrical and mechanical connections are secure and undamaged.

Troubleshooting Table

This Troubleshooting table lists conditions you might see and offers some basic remedies:

*Table 4-1
Basic Troubleshooting*

Condition	Solution
Low Battery	Recharge the battery.
Does Not Respond To Power	Check to ensure that your mobile computer is plugged in and that it is making good contact.
Mobile Computer Will Not Turn ON When The [I/O] Key Is Pressed	The battery may be low and need recharging.

Table 4-1 (continued)
Basic Troubleshooting

Condition	Solution
The Power Status LED Starts Blinking	<p>The Power Status LED on the front panel of your mobile computer informs you of the status of your battery pack when it is connected to a charging device. The Power Status LED reads:</p> <ul style="list-style-type: none"> Off when in a normal operating mode or when no external power is supplied; Blinking red when the battery is low; Continuous red when charging; Continuous green when done charging;
Mobile Computer Will Not Power Up, Screen is Blank.	<ol style="list-style-type: none"> 1. Battery is <i>Critically Low</i>. 2. Ensure that your computer has been on a charger for at least five minutes, then remove from the dock and perform the reset procedure. The display will then be active. 3. Continue to charge your mobile computer for 4 hours to ensure that the battery is fully charged.
Mobile Computer Will Not Turn ON When Placed In A Dock	<p>Ensure the dock is plugged in and your computer is securely seated in the dock..</p>
Mobile Computer Shuts Down During Operation.	<p>You may have a very low battery, try recharging the battery.</p>

Table 4-1 (continued)
Basic Troubleshooting

Condition	Solution
Mobile Computer Does Not Turn OFF	<p>1. May not turn OFF when it is connected to a charging device.</p> <p>2. May not turn OFF when it is processing data.</p> <p>If condition #2 continues for a long period of time it will run down the battery.</p> <p>In the rare event that your computer locks up do a <i>Warm Reset</i> and if that doesn't resolve the problem then do a <i>Cold Reset</i>. Before doing a Cold Reset ensure that you have backed up your data or you will lose your data.</p> <p>Contact support personnel, at 1-800-755-5505 (USA or Canada) or 1-425-356-1799.</p>
Mobile Computer Takes A Long Time To Boot Up After A Reset	<p>Normal time is between 30-45 seconds. If it takes longer than this, contact support personnel, at 1-800-755-5505 (USA or Canada) or 1-425-356-1799.</p>

Related Publications

- 700 Series Quick Start Guide (P/N 962-054-029)
- Microsoft Pocket PC Quick Start Guide (P/N 962-054-041)
- Microsoft Pocket PC User's Guide (P/N 961-054-026)

- 700 Series Dock Installation Instructions (P/N 962-040-004)

Customer Response Center and Product Service

Factory Service

If your mobile computer is faulty, you can ship it to the nearest authorized Service Center for factory-quality service. The addresses and telephone numbers are included in the Warranty Card shipped with your product.

Customer Support Center

The Intermec Customer Support Center (technical support) telephone number is 800-755-5505 (U.S.A. or Canada) or 425-356-1799. The facsimile number is 425-356-1688. Email is support@intermec.com.

If you email or fax a problem or question include the following information in your message:

- Your name, company name and address, phone number and email address.
- Product(s) model number which are experiencing the problem.
- Description of the problem or question (the more specific, the better).
- If the equipment was purchased through a Value-Added Reseller please include that information.

Web Site

The Customer Support File Libraries, including Hot Tips and Product Awareness Bulletins, are available via the Intermec Product Support page at this URL: <http://norbbs.norand.com/index.htm>. New users can sign up for a new account on this page.

Visit our Web site at <http://www.intermec.com> to download many of our current manuals in PDF format. To order printed versions of the Intermec manuals, contact your local Intermec representative or distributor.

Bulletin Board Service

The Customer Support Bulletin Board (BBS), maintained by Intermec Technologies Corporation, provides software and documentation:

- **Phone number:** 319-369-3515 (14.4 Kbps modem)
319-369-3516 (28.8 Kbps modem)
- **Protocol:** Full duplex, ANSI or ANSI-BBS; 300 to 28,800 bps; v.32bis; 8 bits, no parity, 1 stop bit. *For high-speed modems, disable XON/XOFF and enable RTS/CTS.*

This is the same location available via the web site. If your web access uses high-speed phone lines, the web interface provides a faster response.

Repair Service

Be sure to carefully pack the unit and include a description of the problem and the measures you took to correct it.

If possible, include any printout (if applicable) or write down displayed error messages to illustrate the problem.

Glossary

Applet

Small applications, typically bundled with the operating system.

Boot Default Drive

The drive from which the computer will boot.

Button

An object that can be clicked, selected, or unselected in your windows. Usually an event tree is attached to a button so that when it is clicked, an action is performed.

CompactFlash (CF) Card

A small size (half the size of a normal PC card) which has been specially designed to meet the needs of small hand-held computers.

CPU

Central Processing Unit.

Default Drive

See Boot Default Drive.

Dock

A device in which one or more hand-held computers may be placed for charging and communication.

Download

The transmission of data from a host computer to a mobile computer.

Ethernet

A 10-Mbps, coaxial standard for LANs. Also slang for the coaxial cable that carries the standard.

Flash

A technology for nonvolatile memory storage. A special type of EEPROM that can be erased and reprogrammed.

Flash Card

A memory storage PC Card that meets the ATA standard.

GUI (Graphical User Interface)

Provides a graphical representation of the environment for user interaction.

I/O (ON/OFF) Key

Suspends or resumes operation depending on the current state of the computer. Also used to reset unit

Icon

A symbol on the computer desktop that graphically represents the purpose or function of an application or file.

Industrial Mobile Computer (IMC)

A generic acronym for an Intermec Industrial Mobile Computer, including this 700 series.

Laser Scanner

A method of reading bar codes that uses a coherent light consisting of one frequency with high density of energy.

LCD

Liquid Crystal Display.

Modem

A communication device that enables a computer to transfer information over a telephone line.

Network

A computer data communications system which interconnects computer systems at various sites.

Pocket PC

A Specification from Microsoft that defines a combination of hardware and software requirements.

Port

The physical hardware communication port.

Protocol

A formal description of message formats and the rules computers must follow to exchange those messages.

RAM (Random Access Memory)

Dynamic memory, sometimes known as main memory or core.

RS-232 C (Recommended Standard 232)

An Electronic Industries Association standard interface between data terminal equipment (DTE) and data circuit-terminating equipment (DCE) with serial binary data interchange.

SanDisk

A brand of flash memory card.

Serial Interface

An interface in which the terminal or computer sends single bits of information to the other device, one after another.

Stylus

A pen-shaped device, used for input on a touch screen by tapping or sliding.

TCOM or Telecom

Telecommunications.

Terminal

Circuit terminating device such as a industrial mobile computer.

Tethered

A device requiring a cable between the computer and the scanner.

Touch Screen

A display which responds to tactile pressure as input.

Type II Card

Type II CF cards can be up to 5 mm thick. These cards are often used for additional mass storage.

Upload

The transmission of data from a mobile computer to a host computer.

Windows CE

Microsoft's operating system for small devices, designed as a foundation of software building blocks that could be assembled in many different ways to create new devices.

Wireless

The transmission of data using radio waves.

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