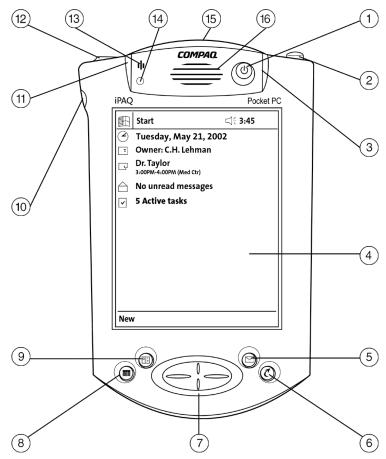
Overview



- 1. Power Button
- 2. Stylus
- 3. Charging/Notification Indicator
- 4. Color Display w/Integrated Touch Panel
- 5. Inbox Button
- 6. iPAQ Task Manager Button
- 7. Directional Pad
- 8. Calendar Button

- 9. Contacts Button
- 10. Record Button
- 11. Active Bluetooth Indicator (Bluetooth models only)
- 12. Stereo Headphone Jack
- 13. Microphone
- 14. Ambient Light Sensor
- 15. SD Slot
- 16. Speaker

At A Glance

- Optimized Intel® X-Scale processor focuses on accelerating multimedia and security
- SD expansion cards Supports SD Memory cards and SDIO
- Standby Settings user adjustable standby settings to maximize usage time or battery standby period
- iPAQ™ Backup: Comprehensive data preservation tool for backup and restore
- Interactive Universal Remote control for home and office entertainment systems and other systems controllable via infrared
- The most versatile and expandable handheld PC
- Dazzling Transflective TFT color liquid crystal display
- Microsoft® Pocket PC 2002



Standard Features

Models

Compaq iPAQ Pocket PC H3970 - 48-MB ROM/64-MB RAM CIR/SD/BT

269809-001 - U.S. Commercial

269809-011 - Australia/New Zealand

269809-021 - Europe (Norway, Denmark, Sweden, Finland, Netherlands)

269809-031 – UK, Singapore, Hong Kong

269809-041 - Germany

269809-051 - France

269809-061 - Italy

269809-071 - Spain

269809-161 - Latin America

269809-121 - French Canadian

269809-201 - Brazilian Portuguese

269809-291 - Japan

269809-AA1 - Simplified Chinese for Mainland China

269809-AB1 – Traditional Chinese for Taiwan

269809-AC1 – International English for Hong Kong

269809-AD1 - Korea

Compaq iPAQ Pocket PC H3975 - 48-MB ROM/64-MB RAM CIR/SD/BT

269809-002 - U.S. Retail

Compaq iPAQ Pocket PC H3950 - 32-MB ROM/64-MB RAM CIR/SD

269808-001 - U.S. Commercial

269808-011 — Australia/New Zealand

269808-021 – Europe (Norway, Denmark, Sweden, Finland, Netherlands)

269808-031-UK, Singapore, Hong Kong

269808-041 - Germany

269808-051 - France

269808-061 - Italy

269808-071 — Spain

269808-161 - Latin America

269808- 121- French Canadian

269808-201 - Brazilian Portuguese

269808-291 — Japan

269808-AA1 - Simplified Chinese for Mainland China

269808-AB1 - Traditional Chinese for Taiwan

269808-AC1 – International English for Hong Kong

269808-AD1 - Korea

Compaq iPAQ Pocket PC H3955 - 32-MB ROM/64-MB RAM CIR/SD

269808-002 - U.S. Retail

Processor 400 MHz Intel PXA250 Application Processor

Memory 64-MB SDRAM, 48- or 32-MB Flash ROM Memory

Input Method Handwriting recognition, soft keyboard, character recognition, voice recorder, inking



Standard Features

Interfaces Wireless Bluetooth™ (selected models) 1.1 compliant and class 2 radio

Consumer IR & IrDA (115 Kb per second)

Internal Expansion Secure Digital (SD) expansion slot*

Front Panel Button 1: On/Off and backlight button

Buttons 2-5: Customizable application buttons Five-way joystick: up, down, left, right, and push

Side Panel Voice recorder button

Communications Port USB/serial connectivity for connecting to cradle or directly to PC via cable

NOTE: * = SD Expansion slot supports SD or MMC memory cards. Use of SDIO (SD Input/Output) cards will require installation of driver software to utilize the cards. See http://www.compaq.com/handhelds for list of latest tested SD cards.

NOTE: This web site is available in English only.

Cradle Interfaces Connector

Cable 1 USB or Serial cable connects to PC

DC Jack connector for AC

Adapter

Stylus Holder 2 holes on left and right front

Stabilizing Tab Release Button 2 Tabs engages the sides of Pocket PC when no Expansion Pack is in use

Display Transflective TFT liquid crystal display

64K color (65,536 colors) 16-bit touch-sensitive transflective thin film transistor (TFT) liquid crystal display (LCD) Viewable image size – 2.26 in wide x 3.02 in tall (57.6 mm wide x 76.8 mm tall), 3.8 in Diagonal (96 mm)

Power Supply 1400 mAh Lithium Polymer rechargeable (in docking cradle or with AC Adapter)

NOTE: Battery life will vary based on an estimated typical use pattern of an average user, the configuration of the computer and the usage pattern of the individual user. Use of some attachments may significantly decrease battery life.

Audio Capabilities Audio record and playback (play MP3 music or audio programs from the Web, as well as records and plays back voice

notes or meeting notes)

One-touch instant-record button

Integrated speaker, stereo headphone jack

Integrated microphone

Communications Bluetooth enables users to communicate wirelessly with other cellular and computing devices using wireless personal area

networking (WPAN) technology (e.g. Bluetooth PC card). For the IT manager it enables connectivity with any Bluetooth-enabled cellular phone without requiring support for multiple connections. Users have the ability to:

Exchange business cards, calendar appointments, documents and more with other Bluetooth devices.

Access your Internet and corporate via a mobile phone with Bluetooth wireless technology. Synchronize data using ActiveSync® on your PC enabled with Bluetooth wireless technology.



Standard Features

Bluetooth Specifications*

Technology

Bluetooth specification

Bluetooth high-speed, low-power microwave wireless link
1.1 compliant (2.4-GHz Industrial Scientific Medical Band)

NOTE: Only applicable to H3970 model.

User Interface Bluetooth Manager

Operating system support Microsoft Pocket PC

Device type Class II device; up to 4 dB transmit, typical 10 meter range

Power $3.3V \pm 5\%$ Peak current - typical TX current at approximately 140 mA

Receiver sensitivity –78 dBm or greater

Regulatory standards R&TT#-EN 300 328 and EN 300 826, UL 1950, CB Safety Scheme inclusive of EN 60950

and IEC 950, FCC Part 15 subpart C, Canadian, CE

Profile support Generic access Service discovery, Service Discovery Application, Serial port, LAN access,

Dial-up networking, General object exchange, Object Push (business cards, contacts,

calendar and tasks), File Transfer, Active Sync through serial port

Ergonomic Design Features Instant-on/off and frontlight

5-way joystick

Touch-sensitive display for stylus or fingertip

5 customizable application launch buttons – Calendar, Contacts, Inbox, iPAQ Tasks, and Recorder buttons

4 alarm settings

Speaker on front-side of unit

Operating System Applications Powered by Microsoft® Windows® for Pocket PC 2002

Calendar, Contacts, Tasks, Voice Recorder, Notes, Pocket Word (with Spellchecker), Pocket Excel, Pocket Internet Explorer*, Windows Media Player 8 (MP3, audio and video streaming), Calculator, Solitaire, Inbox (with Spell Checker for email), Microsoft Reader (eBooks), File Explorer, MSN Messenger*, Terminal Services Client, VPN Client, Infrared Beaming, Clock,

Align Screen, File Explorer, Memory, Volume control

Compaq Exclusive Applications (On device) These are the extras that Compaq put in ROM

iPAQ File Store: nonviolatile file storage in flash ROM; iPAQ Task Manager: access and launch programs easily, iPAQ Backup: utility for Backup/Restore to Memory Card, iPAQ Image Viewer: view images and create slide shows, Nevo: Universal Remote Control, Adjustable Standby Settings: Utility for adjusting power conservation modes, Utilities: Self Test,

Auto Run, Expansion pack, Compaq Audio, Power Status

Applications from Microsoft on Companion CD

Additional Software from Microsoft

Outlook 2000*, Microsoft ActiveSync 3.5 (Desktop device synchronization), Microsoft Reader eBooks, Links to Microsoft websites for additional downloadable applications (some programs may require purchase of additional desktop software to utilize Pocket PC versions)

NOTE: * = A standard WLAN infrastructure, other Bluetooth enabled devices, and a service contract with a wireless airtime provider may be required for applicable wireless communication. Wireless Internet use requires a separately purchased service contract. Check with service provider for availability and coverage in your area. Not all web content available.



Standard Features

Companion	CD	from
Compaq		

Full Versions Trial Versions

Jeode Java Virtual Machine Quick View Plus FileCrypto

Quick View Plus FileCrypto Wordlogic Predictive Keyboard
Data Encryption Eletel Messaging Software

Bust'em game Margi Presenter-to-Go (requires purchase of additional

Xcellenet Device Management Agent

Adobe PDF Viewer hardware)
RealOne Player for Pocket PC
iPresenter PowerPoint converter ListPro

Pocket Watch

Peacemaker Pro application on

SKUs 230297-002 and 230398-002 (NA Retail)

CD Links Vindigo

Applications

Macromedia® Flash™ Player a Audible Manager and Audible Player (Service plan required to download and play Audible

content – link) iPAQNET IBM Via Voice Command and Control of PIM applications (Calendar, Contacts, Inbox)

Additional Documentation

iPAQ Reference Guide on PDF , ebook, and Nevo reference guide

NOTE: Programs could vary based on SKU. Some programs are accessed through CD links to download web sites.

NOTE: * = This product features the Macromedia Flash Player. For further information on the Macromedia Flash Player, visit http://www.macromedia.com/software/flash/about/.

Operating System

Microsoft Pocket PC 2002

Service and Support

One-year parts and labor in most regions; two-year limited warranty in Europe (one-year limited warranty for rechargeable battery pack) 90 days technical support for software in all regions. Optional HP Care Pack available in North America for Next Business Day replacement (at additional charge)



TechSpecs

System Unit Dimensions $(H \times W \times D)$ 5.3 x 3.3 x 0.6 in (134 x 84 x 15.9 mm) Weight 6.5 oz (184 g), including battery 32° to 104°F (0° to 40°C) Operating Temperature Operating Humidity 10% to 90% FCC Class B, VCCI, CE, C-Tick Regulatory Marks Electrical Safety CE Marking, C-UL, NOM RAM 64 MB ROM (Flash) 48 or 32 MB (Flash ROM) **TFT Color Display** Number of Colors 65,536 (64K 16-bit) Resolution $(W \times H)$ 240 x 320 Dot Pitch 0.24 mm Viewable Image (W x H) 2.26 x 3.02 in (57.6 x 76.8 mm), 3.8 in Diagonal (96 mm) Display Type Color (65,536 colors (16 bit) transflective thin film transistor (TFT) liquid crystal display (LCD)) Rechargeable Battery **Battery Life** 64 MB up to 14 hours, 1400 mAh Lithium Polymer rechargeable battery AC Adapter Dimensions $(H \times W \times D)$ 3 x 1.9 x 1.8 in (76 x 48 x 44 mm) (including prongs) Cord Length (approximate) 6 ft (1.83 m) **Power Supply Ratings** Voltage Range 100 to 240 V Switching Input Current 0.3 A Input Frequency 50 to 60 Hz Output Voltage 5 VDC Output Current 2 Amp



Options

Expansion Packs	CF Card Expansion Pack Plus	249709-B21
•	PC Card Expansion Pack Plus	249708-B21
	CF Card Expansion Pack	170339-B21
	Dual-Slot PC Card Expansion Pack	216198-B21
	Bluetooth Wireless Pack with CF Card Slot	232568-B21
	Wireless Pack for GSM/GPRS Networks	219926-B21
	Symbol SPS 3000 Bar Code Scanner Expansion Pack	253880-B22
	Symbol SPS 3000 Scanner and WLAN Expansion Pack	264084-B22
Style Packs	Cover Pack	249707-B21
Memory/Storage	IBM® Microdrive™ with PC Card Adapter	217390-B25
	64-MB SD Memory Card	253478-B21
	128-MB SD Memory Card	253479-B21
	256-MB SD Memory Card	287464-B21
	CompactFlash (CF) 32-MB Memory Card	104703-004
	CompactFlash (CF) 64-MB Memory Card	104703-003
	NOTE: Any CF Card Expansion Pack required.	
Power	AC Adapter	253629-xxx
	Auto Adapter	253508-B21
	Slim Battery for Expansion Pack Plus Products	253512-B21
	Extended Battery for Expansion Pack Plus Products	253514-B21
	Battery Charger for Expansion Pack Plus Batteries	253516-xxx
	Charger Adapter	274707-B21
	NOTE: Part numbers ending with xxx are specific to country.	
Synchronization	Universal AutoSync Cable	250178-B21
	Universal Desktop Cradle	250182-B21
Communications	WL110 Wireless PC Card (requires PC Card Expansion Pack)	191808-001
	CompactFlash Modem 56K V.90 (requires CF Card Expansion Pack)	268927-xxx
	NOTE: Part numbers ending with xxx are specific to country.	
Wireless Home	Wireless PC Card	243657-001
Networking	Wireless USB Adapter	243658-001
	CP-2W	241274-001
Cases	Expandable Case	217883-B21
	Premier Leather Case	253504-B21
	Zippered Leather Case	262207-B21
	Rugged Case	230465-B21
	Three-Pack of screen protectors	253517-B21



Options

Other Stylus Three-Pack Replacement Kit 253510-B21

Micro Keyboard 250111-xxx

Foldable Keyboard 249693-xxx

NOTE: Part numbers ending with xxx are specific to country.



HP iPAQ Pocket PC h3900 is a Microsoft® Windows® Powered Pocket PC

For more information on HP iPAQ Pocket PC, visit our website at http://www.hp.com/go/iPAQ

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