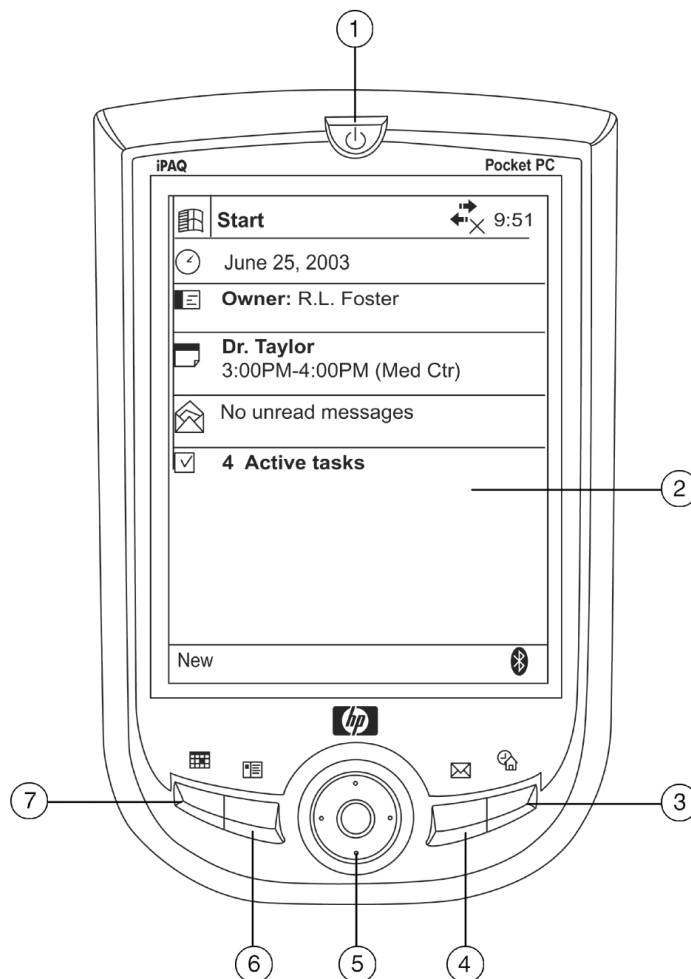


## Overview



1. Power Button
2. Color Display
3. Today Button
4. Inbox Button
5. 5-Way Navigation Button
6. Contacts Button
7. Calendar Button

## At A Glance

- Microsoft® Windows® Mobile 2003 software
- Integrated Bluetooth™
- Flexible expansion with SD expansion slot
- Dazzling Transflective TFT color with LED backlight display
- Removable/rechargeable battery
- Stay productive with Pocket versions of familiar applications like Microsoft® Outlook®, Word and Excel

## Standard Features

### Models

#### iPAQ Pocket PC h1940 – 64-MB SDRAM

FA105A#8ZQ – US Commercial, English

FA105A#ABG – Australia, New Zealand

FA105A#ABU – UK, English

AF105A#ABB – Euro English

FA105A#ABD – German

FA105A#ABF – French

FA105A#ABZ – Italian

FA105A#ABE – Spanish

FA105A#ABC – Canadian, French

FA105A# B16 – Latin America, Spanish

FA105A#ABJ – Japanese

FA105A#UUF – APD, English

FA105A#AB2 – S-Chinese

FA105A#ABO – Taiwan, T-Chinese

FA105A#AB5 – Hong Kong, T-Chinese

FA105A#AB1 – Korean

#### iPAQ Pocket PC h1945 – 64-MB SDRAM

FA163A#8ZP – US Retail, English

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<b>Processor</b>	Samsung (S3C2410) 266 MHz processor	
<b>Memory</b>	<b>SDRAM</b>	64 MB (56 MB main memory) Up to 13 MB iPAQ File Store available on certain SKUs
<b>Display</b>	<b>Type</b>	Transflective type TFT color with LED backlight
	<b>Number of Colors</b>	64K color (65,536 colors) 16-bit
	<b>Touch Screen</b>	Yes
	<b>Resolution (W x H)</b>	240 x 320
	<b>Viewable Image Size</b>	3.5 in (89 mm)
<b>Hardware Buttons/ Reset Buttons</b>	One power button, one recording button, one soft reset switch, four software programmable application buttons, one navigation button.	
<b>Stylus</b>	One	
<b>Audio</b>	Microphone, speaker, one 2.5 mm headphone jack, MP3 stereo (through audio jack)	

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## Standard Features

Notification Systems	<b>Alarms</b>	Solid amber LED – battery in unit fully charged Flashing amber LED – battery in unit is charging Flashing green LED – event alarm/notification Flashing blue LED – Bluetooth active <sup>1</sup>
	<b>Notification</b>	Sound and message on the display

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**SD Slot** Support SDIO and SD/MMC type standard

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Power Supply	<b>Battery</b>	Removable/Rechargeable 900 mAh Lithium-Ion user swappable battery. Estimated usage time of fully charged batter up to 8 hours.
	<b>AC Power</b>	AC Input: 100~240 Vac, 50/60 Hz, AC Input current: 0.2 Aac max Output Voltage: 5Vdc (typical), Output Current: 2A (typical)

**NOTE:** Battery life varies based on the usage pattern of an individual user and the configuration of the handheld. Use of some attachments may significantly decrease battery life.

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Ergonomic Design Features	Instant-on/off and Backlight
	Navigation button
	Touch-sensitive display for stylus
	4 programmable application launch buttons – Calendar, Contacts, Inbox, and Today buttons
	2 alarm settings
	Built-in speaker

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HP Exclusive Applications	Bluetooth Manager
	iPAQ Backup: utility for Backup/Restore to Main Memory or Memory Card
	Utilities: Self Test, iPAQ Audio, Power Status
	iPAQ Image Viewer: view images and create slide shows

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## Companion CD from HP APPLICATIONS

### Full Versions

Adobe PDF Viewer  
Resco File Explorer  
(available on h1945)  
HP Web Registration  
Active Sync  
Outlook 2002 Desktop  
Real Player Mobile  
ClearVue Suite  
iPAQ Image Viewer

### CD LINKS

### Full Versions

### Trial Versions

Ewallet  
ListPro  
Cadenza mNotes

### Trial Versions

## Standard Features

Audible Player  
Handango  
HP Mobile Print Center  
Avant Go  
Media Player Desktop  
Microsoft Games  
Worldwide Telephone Numbers

Resco Picture Viewer  
Location Based

### Additional Documentation

Safety and Comfort Guide on PDF, and User Guide on PDF

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

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**Operating System** Microsoft® Windows® Mobile™ 2003 Professional software  
(Microsoft Windows Mobile 2003 Premium edition on SKUs: FA105A#AB2, FA105A#ABO, FA105A#AB5, FA105A#AB1, and FA105A#ABJ)

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**Operating System Applications** Microsoft® Windows® Mobile™ 2003 software for Pocket PC  
Calendar, Contacts, Tasks, Voice Recorder, Notes, Pocket Word, Pocket Excel, Pocket Internet Explorer, Calculator, Solitaire, Inbox, File Explorer, Infrared Beaming, Clock, Align Screen, Memory, Volume control, Asset Viewer

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**Additional Software and links** Outlook 2002, Microsoft ActiveSync 3.7 (Desktop device synchronization), Links to Microsoft Web sites for additional downloadable applications (some programs may require purchase of additional desktop software to utilize Pocket PC versions), Windows Media Player 9 (MP3, audio and video streaming).

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**Service and Support** Worldwide warranty one-year parts and labor.  
North America/Europe: Next Business Day Replacement HP Care Pack available for purchase.

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<b>Bluetooth Specifications*</b>	<b>Technology</b>	High-speed, low-power, short-range
	<b>Bluetooth specification</b>	1.1 compliant (2.4-GHz Industrial Scientific Medical Band)
	<b>System interface</b>	High-speed UART processor interface
	<b>User Interface</b>	Bluetooth Manager
	<b>Device type</b>	Class II device; up to 4 dBm transmit, typical 10 meter range
	<b>Power</b>	3.3V ± 5% Peak current - typical TX current at approximately 140 mA
	<b>Receiver sensitivity</b>	-78 dBm or greater
	<b>Regulatory standards</b>	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,

## Standard Features

### Profile Support

General Access Profile  
Service Discovery Application Profile  
Serial Port Profile  
Generic Object Exchange Profile  
File Transfer Profile  
Dial-Up Networking Profile  
LAN Access Profile  
Object Push Profile  
Personal Area Networking Profile  
Basic Printing Profile  
Hard Copy Replacement Profile (printing)

### Usage Models \*

#### Service Discovery

Determine what Bluetooth devices are within range and support authorization

#### File Transfer

File and directory browsing and navigation on another Bluetooth device.  
File copying  
Object manipulation – including add, delete, create new folders etc.

#### Serial Port

Synchronization between PDAs and PCs

#### Dial Up Networking

Wireless link to WAN thru Bluetooth enabled cell phone\*  
Agnostic to WAN technology  
Send/receive SMS messages

#### LAN Access

Wireless link to Corporate LAN using Bluetooth and appropriate Bluetooth access point\*  
Corporate email, network neighborhood, access to LAN applications, file transfer, ftp, Internet browsing, etc, using TCP/IP\*  
Access the Internet by connecting to your desktop or notebook over Bluetooth and using its network connection\*

#### Generic Object Exchange and Object Push

Exchange business cards, tasks, documents, appointments and more\*

#### Personal Area Networking

Collaborate, chat, play games, exchange data\*  
Adhoc peer to peer networking\*

#### Basic Printing and Hard Copy Replacement Profiles

Print to any HP Bluetooth enabled printer without the need for cables or specific print drivers

### Certifications

All necessary regulatory approvals for countries we support including:  
Bluetooth logo (FCC (47 CFR) Part 15C, Section 15.247&15.249 ETS 300 328, ETS 300 826 Low Voltage Directive IEC950 UL and CE Mark

**NOTE:** \* A standard WLAN infrastructure, other devices enabled with Bluetooth, 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 a service provider for availability and coverage in your area. Not all web content available.

## Technical Specifications

<b>System Unit</b>	<b>Dimensions (H x W x D)</b>	4.46 x 2.75 x 0.5 in (113.3 x 69.8 x 12.8 mm)	
	<b>Weight</b>	4.37 oz (124 g)	
	<b>Operating Temperature</b>	32° to 104° F (0° to 40° C)	
	<b>Storage Temperature</b>	-4° to 140° F (-20° to 60° C)	
	<b>Operating Humidity</b>	90% RH	
	<b>Regulatory Marks</b>	Electrical	FCC Class B, UL or CSA NRTL
	Safety	C-UL, NOM	

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<b>TFT Color Display</b>	<b>Number of Colors</b>	65,536 (64K 16-bit)	
	<b>Resolution (W x H)</b>	240 x 320	
	<b>Dot Pitch</b>	0.24 mm	
	<b>Viewable Image (W x H)</b>	2.1 x 2.80 in (53.28 x 71.04 mm)	
	<b>Display Type</b>	64K color (16-bit) transfective type TFT color with LED	

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<b>AC Adapter</b>	<b>Dimensions (H x W x D)</b>	3 x 1.9 x 1.8 in (76 x 48 x 44 mm) (including prongs)		
	<b>Cord Length</b> (approximate)	6 ft (1.83 m)		
	<b>Power Supply Ratings</b>	<b>Voltage Range</b>	100 to 240 V Switching	
		<b>Input Current</b>	0.3 A	
		<b>Input Frequency</b>	50 to 60 Hz	
		<b>Output Voltage</b>	5 VDC	
		<b>Output Current</b>	2 Amp	

### Options

**NOTE:** Optional accessories are available at additional cost.

Memory/Storage	64-MB SD Memory Card	253478-B21	FA134A#AC3
	128 MB SD Memory Card	253479-B21	FA135A#AC3
	256 MB SD Memory Card	287464-B21	FA136A#AC3
Power	900 mAH Lithium Ion Rechargeable Battery	331315-B21	FA114A#AC3
	Auto Adapter	253508-B21	FA125A#AC3
	Charger Adapter	274707-B21	FA133A#AC3
	AC Adapter		
	U.S., Canada, Latin America, Japan, Taiwan	253629-001	FA130A#ABA
	Australia	253629-011	FA130A#ABG
Europe, Brazil	253629-021	FA130A#ABB	
United Kingdom, Asia Pacific, Hong Kong	253629-031	FA130A#ABU	
Synchronization	USB Desktop Cradle/Charger (USB only)	331317-B21	FA112A#AC3
Other	Stylus Three-pack	331311-B21	FA113#AC3
Cases	Nylon Case	339657-B21	FA161A#AC3
	Leather Belt Case	339656-B21	FA160A#AC3
	Custom Cases: to view and order go to: <a href="http://www.ecases.com">http://www.ecases.com</a>		



### HP iPAQ Pocket PC h1940 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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