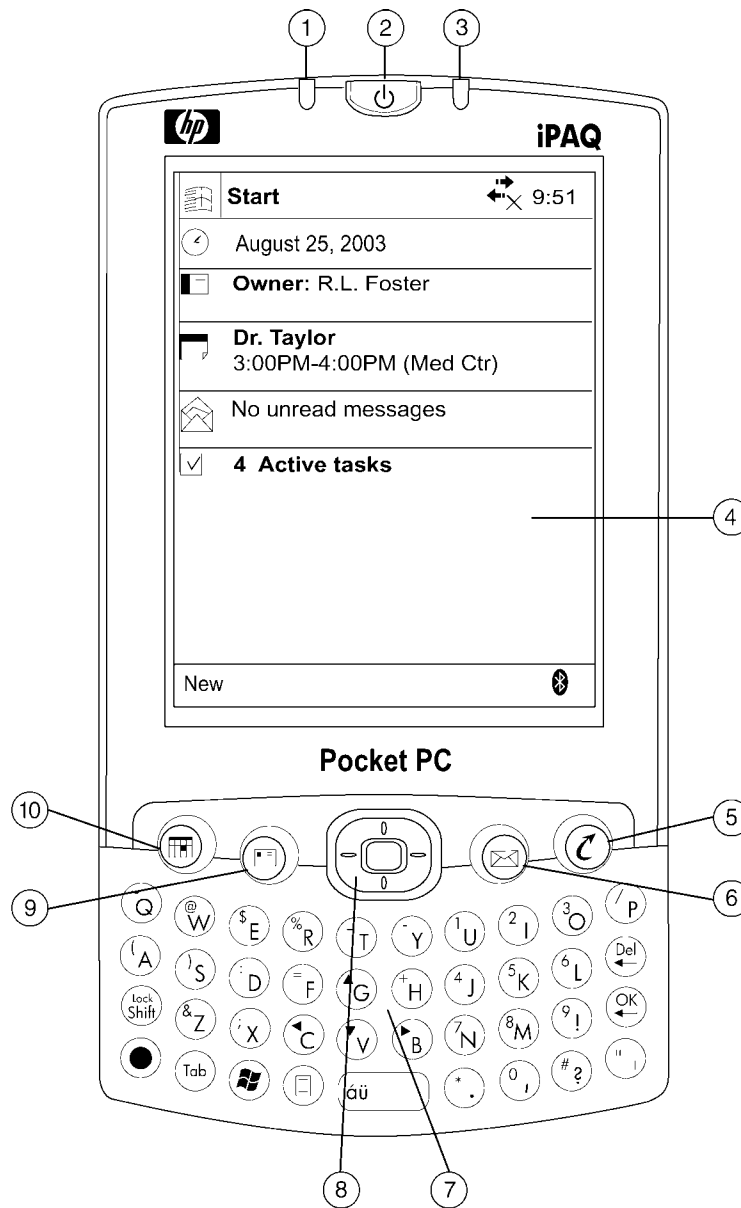


Overview

At A Glance

- Integrated WLAN 802.11b¹
- Integrated Bluetooth™ ¹
- Integrated Keyboard
- Integrated SD expansion slot
- Microsoft® Windows® Mobile™ 2003 software for Pocket PC
- 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

NOTE 1: 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.



- | | |
|---------------------------------------|----------------------------|
| 1. Active Bluetooth / WLAN Indicator | 6. Inbox Button |
| 2. Power Button | 7. Integrated Keyboard |
| 3. LED Battery/Notification Indicator | 8. 5-Way Navigation Button |
| 4. Color Display | 9. Contacts Button |
| 5. iTask Button | 10. Calendar Button |



Standard Features

Models

iPAQ Pocket PC h 4350 – 64-MB SDRAM

FA172A#ABA - US Commercial, English

iPAQ Pocket PC h4355 – 64-MB SDRAM

FA173A#ABA - US Retail, English

Standard Features

Processor	400 MHz Intel® Xscale™ technology-based processor	
Memory	SDRAM	64-MB (55-MB user accessible) Up to 2.8-MB iPAQ File Store (varies by SKU)
	ROM	32-MB
Display	Type	Transflective type TFT color with LED backlight
	Number of Colors	64K color (65,536 colors) 16-bit
	Touch Screen	Yes
	Resolution (W x H)	240 x 320
	Viewable Image Size	3.5 in (89 mm)
Hardware Buttons/Reset Buttons	One power button, one recording button, one soft reset switch, four software programmable application buttons, one 5-way navigation button	
Stylus	One (extra stylus included in the box)	
Audio	Integrated microphone, speaker and one 3.5 mm headphone jack, MP3 stereo (through audio jack)	
Notification Systems	Alarms	Solid amber LED (right) – battery in unit fully charged Flashing amber LED (right) – battery in unit is charging Flashing green LED (right) – event alarm/notification Flashing green LED (left) – WLAN active Flashing blue LED (left) – Bluetooth active
	Notification	Sound and message on the display
Cradle Interfaces	Connector	1
	Cable	1 USB cable connects to PC
	DC Jack connector for AC Adapter	1
	Additional battery charger	Charge additional slim or extended battery
SD Slot	Support SDIO and SD/MMC type standard	
Power Supply	Battery	Removable/Rechargeable 1560 mAh Lithium-Ion user swappable battery. Estimated usage time of fully charged battery up to 17 hours (no wireless, no backlight). Optional extended 3600 mAh Lithium-Ion battery available for purchase.
	AC Power	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 run time varies based on the usage pattern of an individual user and the configuration of the handheld. Use of internal wireless capabilities and backlight will significantly decrease battery run time.		
Ergonomic Design Features	Integrated, lighted keyboard Instant-on/off and Backlight 5-Way Navigation button Touch-sensitive display for stylus 4 programmable application launch buttons – defaults configured for Calendar, Contacts, Inbox, and iTask buttons Record button 2 alarm settings Built-in speaker	

Standard Features

HP Exclusive Applications	Bluetooth Manager iPAQ File Store: non-volatile storage in flash ROM (not available in Japanese, Simplified Chinese, Traditional Chinese and Korean versions) iPAQ Backup: utility for Backup/Restore to Main Memory, Memory Card or iPAQ File Store iPAQ iTask Manager: access and launch programs easily iPAQ Image Zone: view images and create slide shows Utilities: Self Test, iPAQ Audio, Power Status																						
Companion CD from HP	<p>APPLICATIONS</p> <table border="1"> <thead> <tr> <th data-bbox="479 493 950 525">Full Versions</th> <th data-bbox="950 493 1484 525">Trial Versions</th> </tr> </thead> <tbody> <tr> <td data-bbox="479 525 950 556">hp Web registration</td> <td data-bbox="950 525 1484 556">Xcellenet Afaria Device Management Agent</td> </tr> <tr> <td data-bbox="479 556 950 588">hp Mobile Print Center</td> <td data-bbox="950 556 1484 609">Margi Presenter-to-Go (requires purchase of additional hardware)</td> </tr> <tr> <td data-bbox="479 588 950 619">Westtek ClearVue Suite</td> <td data-bbox="950 609 1484 640">Illium ListPro</td> </tr> <tr> <td data-bbox="479 619 950 651">F-Secure FileCrypto Data Encryption</td> <td data-bbox="950 640 1484 672">CommonTime Cadenza mNotes</td> </tr> <tr> <td data-bbox="479 651 950 682">Colligo Personal Edition</td> <td data-bbox="950 672 1484 703">Resco Picture Viewer – U.S. Retail only</td> </tr> <tr> <td data-bbox="479 682 950 714">Adobe PDF Viewer</td> <td></td> </tr> <tr> <td data-bbox="479 714 950 745">RealOne Player for Pocket PC</td> <td></td> </tr> <tr> <td data-bbox="479 745 950 777">iPresenter PowerPoint converter</td> <td></td> </tr> <tr> <td data-bbox="479 777 950 808">MobiMate WorldMate</td> <td></td> </tr> <tr> <td data-bbox="479 808 950 840">Resco File Explorer 2003 – U.S. Retail only</td> <td></td> </tr> </tbody> </table> <hr/> <p>CD LINKS</p> <ul style="list-style-type: none"> NetMotion Avaya IP Softphone IP Blue VTGO! Cisco CallManager Pocket Presence Running Voice IP Vindigo Audible Manager and Audible Player (Service plan required to download and play Audible content – link) SingleTap Handango Pocket Backup Plus <hr/> <p>Additional Documentation</p> <p>Safety and Comfort Guide on PDF, and User Guide on PDF</p> <p>NOTE: Programs may vary based on SKU. Some programs are accessed through CD links to download web sites.</p>	Full Versions	Trial Versions	hp Web registration	Xcellenet Afaria Device Management Agent	hp Mobile Print Center	Margi Presenter-to-Go (requires purchase of additional hardware)	Westtek ClearVue Suite	Illium ListPro	F-Secure FileCrypto Data Encryption	CommonTime Cadenza mNotes	Colligo Personal Edition	Resco Picture Viewer – U.S. Retail only	Adobe PDF Viewer		RealOne Player for Pocket PC		iPresenter PowerPoint converter		MobiMate WorldMate		Resco File Explorer 2003 – U.S. Retail only	
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Operating System	Microsoft® Windows® Mobile™ 2003 Premium software for Pocket PC																						
Operating System Applications	Powered by Microsoft® Windows® Mobile™ 2003 for Pocket PC Calendar, Contacts, Tasks, Voice Recorder, Notes, Pocket Word (with Spellchecker), Pocket Excel, Pocket Internet Explorer, Windows Media Player 9 (MP3, audio and video streaming), Calculator, Solitaire, Jawbreaker, Inbox (with Spell Checker for email), Microsoft Reader (eBooks), File Explorer, Pictures, Terminal Services Client, VPN Client, Infrared Beaming, Clock, Align Screen, Memory, Volume control, ClearType Tuner (except for Asian languages)																						
Additional Software and links	Outlook 2002, Microsoft ActiveSync 3.7 (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)																						
Service and Support	One-year parts and labor in most regions; 90 days technical support for software in all regions. Optional <i>CarePAQ™</i> available in North America for Next Business Day replacement (at additional charge)																						

Standard Features

WLAN Specifications¹

Radio Specifications	RF Network Standard	IEEE 802 Part 11b (802.11b)
	Frequency Band	2,4000 to 2.4835 GHz 2,4465 to 2.4835 GHz (France) 2,4000 to 2,497 GHz (Japan)
	Antenna type	Embedded Inverted F Antenna
	WEP Security	64/128-bit compliant to IEEE 802.11 Compliant to 802.1X
	Network Architecture Models	Ad-hoc (Peer to Peer) Infrastructure (Access Points Required)
	Modulation Technique	Direct Sequence Spread Spectrum
	Modulation Schemes	DBPSK, DQPSK, CCK
	Receiver Sensitivity – Packet Error Rate (8E-2)	11 Mbps: <-80 dBm 5.5 Mbps: <-82 dBm 2 Mbps: <-86 dBm 1 Mbps: <-89 dBm
	Maximum Receive Level	-10dBm (1/2/5.5/11 Mbps)
	Output Power (approximately)	15 dBm
	Power Management	Radio On/Off control through Microsoft Connection icon, Power Save mode available in Power Settings
	Power Consumption	Transfer mode: < 380 mA, average Receive mode: < 280 mA, average
	Power Saving Option	802.11 Compliant Power Saving, idle mode 25 mA
	Media Access Protocol	CSMA/CA (Collision Avoidance) with ACK
	Protocols Supported	TCP/IP IPX/SPX UDP
	SAR	1.0 mW/g
	Throughput	>4.5 Mbps
	Operating Distance	Up to 1000 feet – Open sight
	Certifications	All necessary regulatory approvals for countries we support including: WECA Wi-Fi approval FCC (47 CFR) Part 15C, Section 15.247&15.249 ETS 300 328, ETS 301 489-6 Low Voltage Directive IEC950 UL, CSA, and CE Mark

NOTE: ¹ 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.

Standard Features

Bluetooth Specifications¹	Technology	High-speed, low-power, short-range
	Bluetooth specification	1.1 compliant (2.4-GHz Industrial Scientific Medical Band)
	System interface	High-speed UART processor interface
	User Interface	Bluetooth Manager
	Device type	Class II device; up to 4 dBm transmit, typical 10 meter range
	Power	3.3V ± 5% Peak current - typical TX current at approximately 30 mA - typical RX current at approximately 50 mA
	Receiver sensitivity	-78 dBm
	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	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
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 301 489-1/17 Low Voltage Directive IEC950 UL and CE Mark

NOTE: ¹A 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

System Unit	Dimensions (H x W x D)	5.4 in x 2.9 in x 0.6 in (138.7 mm x 74.6 mm x 14.5 mm)		
	Weight	5.8 oz (165 g)		
	Operating Temperature	32° to 104° F (0° to 40° C)		
	Storage Temperature	-4° to 140° F (-20° to 60° C)		
	Operating Humidity	90% RH		
	Regulatory Marks	Electrical	FCC Class B, UL or CSA NRTL	
		Safety	C-UL, NOM	
TFT Color Display	Number of Colors	65,536 (64K 16-bit)		
	Resolution (W x H)	240 x 320		
	Dot Pitch	0.24 mm		
	Viewable Image	3.5 in. / 89 mm		
	Display Type	64K color (16-bit) transreflective type TFT color with LED		
AC Adapter	Dimensions (H x W x 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

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
	512-MB SD Memory Card	344310-B21	FA184A#AC3
Power	3600 mAh Lithium Ion Extended Battery	343118-001	FA190A#AC3
	1560 mAh Lithium Ion Slim Battery	343117-001	FA189A#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
Synchronization	Desktop Cradle	343116-001	FA188A#AC3
	USB Charger/Sync Cable		FA122A#AC3
Other	Stylus Three-pack	331311-B21	FA113#AC3
Performance	SDIO Camera (Photosmart Mobile Camera)		FA185A#AC3
	iPAQ Navigation System – (U.S. only)		FA196A#AC3
Cases	Custom Cases: to view and order go to: http://www.casesonline.com		



HP iPAQ Pocket PC 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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