QuickSpecs

HP iPAQ Pocket PC h4150 Series

Overview

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

At A Glance

- Integrated WLAN 802.11b[1]
- Integrated Bluetooth™[1]
- 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.

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Standard Features

Models

iPAQ Pocket PC h4150 – 64-MB SDRAM
FA174A#ABA – US Commercial, English
FA174A#ABC – French Canadian
FA174A#ABG – Australia, New Zealand
FA174A#ABU – UK, English
FA174A#ABB – Euro English
FA174A#ABD – German
FA174A#ABF – French
FA174A#ABZ – Italian
FA174A#ABE – Spanish
FA174A#B16 – Latin America, Spanish
FA174A#AC4 – Brazilian Portuguese
FA174A#ABJ – Japanese
FA174A#UUF – APD, English
FA174A#AB2 – S-Chinese
FA174A#AB0 – Taiwan, T-Chinese
FA174A#AB5 – Hong Kong, T-Chinese
FA174A#AB1 – Korean
FA174A#ARE – Malaysia

iPAQ Pocket PC h4155 – 64-MB SDRAM
FA175A#ABA – US Retail, English

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

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Standard Features

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 batter
SD Slot	Support SDIO and SD/MMC type standard	
Power Supply	**Battery**	Removable/Rechargeable 1000 mAh Lithium-Ion user swappable battery. Estimated usage time of fully charged battery up to12 hours (no wireless, no backlight). Optional extended 1800 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	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	
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	

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Standard Features

Companion CD from HP

APPLICATIONS

Full Versions

HP Web registration
HP Mobile Print Center
Westtek ClearVue Suite
F-Secure FileCrypto Data Encryption
Colligo Personal Edition
Adobe PDF Viewer
RealOne Player for Pocket PC
iPresenter PowerPoint converter
MobiMate WorldMate
Resco File Explorer 2003 - U.S. Retail only

Trial Versions

Xcellenet Afaria Device Management Agent
Margi Presenter-to-Go (requires purchase of additional hardware)
Illium ListPro
CommonTime Cadenza mNotes
Resco Picture Viewer - U.S. Retail only

CD LINKS

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

Additional Documentation

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

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

Operating System

Microsoft Windows Mobile 2003 software for Pocket PC - Premium edition
Pocket versions of Microsoft software are included (Outlook, Word, Excel and Internet Explorer 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; two-year warranty in Europe (one-year 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)

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Standard Features

WLAN Specifications[1] 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 (maximum)	15 dBm (limited due to FCC SARS requirements)
	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 301 489-1 Low Voltage Directive IEC950 UL, CSA, and CE Mark

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