

Overview



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

At A Glance

- Integrated WLAN 802.11b¹
- 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.

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



QuickSpecs

HP iPAQ Pocket PC h4150 Series

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 to 12 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

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

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)
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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)
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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)
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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 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 (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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