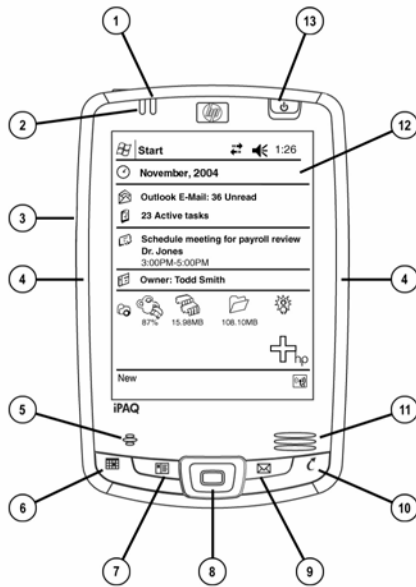


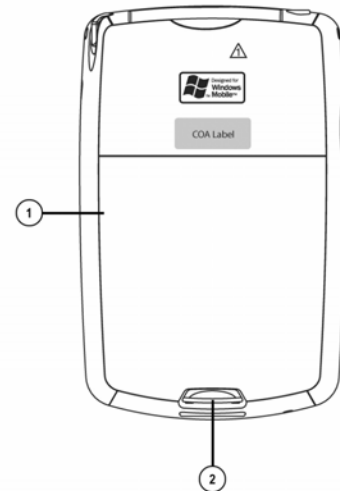
[Overview](#) [Standard Features](#) [Options](#)

Overview

HP iPAQ hx2100 series Pocket PC



Front Image



Back Image

- | | |
|-------------------------------|----------------------------|
| 1. Charging/Notification LED | 8. 5-way Navigation Button |
| 2. Wireless LED | 9. Messaging Button |
| 3. Voice Record Button (side) | 10. iTask Button |
| 4. Rubber Side Grips | 11. Speaker |
| 5. Microphone | 12. Color Display |
| 6. Calendar Button | 13. Power Button |
| 7. Contacts Button | |

1. Battery Door Cover
2. Battery Door Cover Release

At A Glance

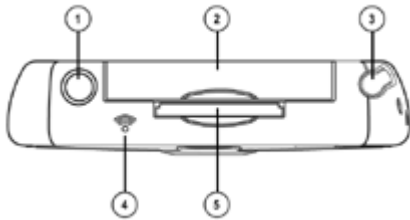
- Intel® PXA270 Processor 312 MHz
- Integrated Bluetooth®¹ wireless technology
- Integrated Compact Flash type II (CF) and Secure Digital (SDIO) slots
- HP ProtectTools secured by CREDANT Technologies security application ⁴
- 3.5" transfective TFT QVGA color LED backlight display, landscape and portrait display modes
- Microsoft® Windows Mobile™ 2003 Second Edition software for Pocket PC
- Removable/rechargeable 920 mAh battery
- Integrated Serial IR
- Protective plastic flip cover
- Pocket versions of familiar applications like Microsoft® Outlook®, Word and Excel

NOTE: ¹ A standard WLAN (Wi-Fi) infrastructure, other Bluetooth-enabled devices, separately purchased equipment, and

QuickSpecs

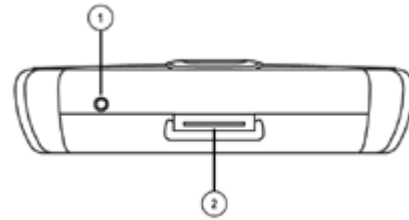
HP iPAQ hx2100 series Pocket PC

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 wireless network service providers for availability and coverage in your area. Not all web content available.



Top image

1. Headphone/Headset Jack
2. Compact Flash (CF) Expansion Slot
3. Stylus
4. Serial IR (Infrared) Port
5. Secure Digital (SDIO) Expansion Slot



Bottom Image

1. Reset Button
2. Charging ActiveSync Connector

▼
[Overview](#) [Standard Features](#) [Options](#)

Standard Features

Models

iPAQ Pocket PC hx2110 – 64 MB ROM, 64 MB SDRAM, Bluetooth and Serial IR

FA296A#ABB – Euro English

FA296A#ABC – French Canadian

FA296A#ABD – Germany

FA296A#ABF – France

FA296A#ABZ – Italy

FA296A#ABE – Spain

Processor	Intel® PXA270 Processor 312 MHz NOTE: Intel's processor numbering is not a measurement of higher performance.														
Memory	User Available Memory 128 MB total memory (64 MB ROM and 64 MB SDRAM) Up to 65 MB user available memory that includes 20 MB iPAQ File Store														
Display	<table border="0"> <tr> <td style="vertical-align: top;">Type</td> <td>Transflective TFT QVGA color with LED backlight with power save mode</td> </tr> <tr> <td style="vertical-align: top;">Modes</td> <td>Portrait and landscape</td> </tr> <tr> <td style="vertical-align: top;">Number of Colors</td> <td>64K color (65,536 colors) 16-bit</td> </tr> <tr> <td style="vertical-align: top;">Touch Screen</td> <td>Yes</td> </tr> <tr> <td style="vertical-align: top;">Resolution (W x H)</td> <td>240 x 320 pixels</td> </tr> <tr> <td style="vertical-align: top;">Dot Pitch</td> <td>0.24 mm</td> </tr> <tr> <td style="vertical-align: top;">Viewable Image Size</td> <td>3.5 in (89 mm)</td> </tr> </table>	Type	Transflective TFT QVGA color with LED backlight with power save mode	Modes	Portrait and landscape	Number of Colors	64K color (65,536 colors) 16-bit	Touch Screen	Yes	Resolution (W x H)	240 x 320 pixels	Dot Pitch	0.24 mm	Viewable Image Size	3.5 in (89 mm)
Type	Transflective TFT QVGA color with LED backlight with power save mode														
Modes	Portrait and landscape														
Number of Colors	64K color (65,536 colors) 16-bit														
Touch Screen	Yes														
Resolution (W x H)	240 x 320 pixels														
Dot Pitch	0.24 mm														
Viewable Image Size	3.5 in (89 mm)														
Hardware Buttons/ Reset Buttons	Power, soft reset, 5-way navigation, voice record, calendar, contacts, messaging, and iTask buttons. (The last 5 buttons are re-programmable.)														
Stylus	One – Included in the box														
Audio	Integrated microphone, speaker and one 3.5 mm stereo headphone jack, MP3 stereo (through headphone jack)														
Indicators	LED 1 – Power Solid amber LED – battery in unit fully charged														

QuickSpecs

HP iPAQ hx2100 series Pocket PC

	LED 2 – Wireless	Flashing amber LED – battery in unit charging Flashing green LED – event alarm/notification Flashing blue LED –wireless radio enabled
Cradle Interfaces	Connector DC Power jack connector for AC/DC Adapter connection	1 – 22 pin 1
Other interfaces	IrDA (SIR) USB 1.1 Client – supported via HP standard 22 pin cradle interface Serial RS232 – supported via HP standard 22 pin cable interface (cable must be purchased separately) NOTE: Some HP authorized options may not be supported. See http://www.hp.com/go/ipaqaccessories .	
SD Slot		Support 1-bit SDIO and 4-bit SD/MMC type memory standard
CF Slot		1 Type II
Power Supply	Battery AC Power	Removable/rechargeable 920 mAh Lithium-Ion (user changeable) Optional extended 1440 mAh Lithium-Ion battery available for purchase separately (http://www.hp.com/go/ipaqaccessories). AC Input: 100~240 Vac, 50/60 Hz, AC Input current: 0.3 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.
AC Adapter	Dimensions (H x W x D) Cord Length (approx.) Power Supply Ratings	3 x 1.9 x 1.8 in (76 x 48 x 44 mm – including prongs), (may vary by model) 6 ft (1.83 m) Voltage Range 100 to 240 V Switching Input Current 0.3 Aac Input Frequency 50 to 60 Hz Output Voltage 5 VDC Output Current 2 Amp
System Unit	Dimensions (H x W x D) Weight Operating Temperature Storage Temperature Operating Humidity	4.71 x 3.01 x .65 in (119.4 x 76.6 x 16.3 mm) 5.8 oz (164.4 g) 32° to 104° F (0° to 40° C) -4° to 140° F (-20° to 60° C) 90% RH

QuickSpecs

HP iPAQ hx2100 series Pocket PC

	Regulatory Marks	Electrical Safety	FCC Class B, UL or CSA NRTL C-UL, NOM
Design Features	4 programmable application quick-launch buttons, 5-way navigation button, touch-sensitive display for stylus or fingertip, voice record button, microphone and speaker, rubber side for a comfortable grip		
Operating System	Microsoft® Windows Mobile™ 2003 Second Edition software for Pocket PC 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 Second Edition 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), File Explorer, Pictures, Terminal Services Client, VPN Client, Infrared Beaming, Clock, Align Screen, Memory, Volume control		
In the box	HP iPAQ hx2100 series Pocket PC, lithium-Ion 920 mAh removable/rechargeable battery, AC adapter, charger adapter, USB desktop synchronization cable, stylus, protective plastic flip cover, Getting Started Guide, How Do I...? Guide, and HP iPAQ Pocket PC Companion CD.		
Additional Software and links	Outlook 2002, Microsoft ActiveSync 3.7.1 (Desktop device synchronization), Microsoft Reader eBooks, and links to Microsoft websites for additional downloadable applications (Note: 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 most regions. Additional offers may vary by region.		
HP Exclusive Applications	HP ProtectTools secured by CREDANT Technologies: secure your device and your data Bluetooth Phone Manager: connect to a Bluetooth enabled phone and browse the internet ^{1,2,3} iPAQ Wireless: manage your wireless connections HP Profiles: set and name profiles to be used at different times for different functions, such as ring type, volume, brightness and wireless settings HP Mobile Printing: print to network and Bluetooth printers without any additional software Bluetooth Manager: manage your Bluetooth connections and settings iPAQ File Store: non-volatile storage in flash ROM iPAQ Backup: backup and restore your data to main memory, memory card or iPAQ file store iTask: launch and switch between tasks and applications HP Image Zone for Pocket PC: view images and create slide shows Utilities: Self Test, iPAQ Audio, Power Status How Do I...? Guide		

Companion CD from HP

	Full Versions	Trial Versions
Applications	ActiveSync Adobe Reader for PC ClearVUE Suite (Word and Excel) ClearVUE Suite (PPT and PDF) Outlook 2002 Desktop WorldMate (NA Retail only) Media Player Desktop	Altiris Express Afaria Management File Explorer 2003 Margi Presenter-to-go Pocket Informant 5.0
CD Links	Audible Player AvantGo Handango iPAQ Backup upgrade LANDesk Vindigo 2.0 Microsoft Games	

Additional Documentation

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

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

Bluetooth® Specifications ¹

Technology	High-speed, low-power, short-range wireless communication with other Bluetooth devices
Bluetooth specification	1.2 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	-83 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) Headset Profile

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^{1, 2, 3}

Agnostic to WAN technology

Send/receive SMS messages

LAN Access

Wireless link to Corporate LAN using Bluetooth and appropriate Bluetooth access point¹

Corporate email, network neighborhood, access to LAN applications, file transfer, ftp, Internet browsing, etc, using TCP/IP¹

Access the Internet by connecting to your desktop or notebook over Bluetooth and using its network connection¹

Generic Object Exchange and Object Push

Exchange business cards, tasks, documents, appointments and more¹

Personal Area Networking

Collaborate, chat, play games, exchange data¹

Adhoc peer to peer networking¹

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 supported 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:

¹ A standard WLAN (Wi-Fi) infrastructure, other Bluetooth-enabled devices, separately purchased equipment, 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 wireless network service providers for availability and coverage in your area. Not all web content available.

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Options

NOTE: Optional accessories are available at additional cost.

Memory/Storage	128 MB SD Memory Card	FA135A#AC3
	256 MB SD Memory Card	FA136A#AC3
	512 MB SD Memory Card	FA184A#AC3
	1 GB SD Memory Card	FA283A#AC3
Power	1440 mAh Lithium Ion Standard Battery	FA285A#AC3
	2880 mAh Lithium Ion Extended Battery	FA286A#AC3
	Automobile Adapter	FA125A#AC3
	Charger Adapter	FA133A#AC3
	AC Adapter	FA130A#xxx
Synchronization	Desktop Cradle	FA260A#AC3
	AutoSync Cable (USB and Serial)	FA122A#AC3
Input Devices	Stylus Three-Pack	FA261A#AC3
	Foldable Keyboard	FA118A#xxx
	Wireless Bluetooth Folding Keyboard	FA287A#AC3
	Thumb Keyboard	FA302A#AC3
	SDIO Camera (Photosmart Mobile Camera)	FA185A#ABA (NA) FA185A#AC3(WW)
Headphones	Bluetooth Stereo Headphones	FA303A#AC3
Cases	iPAQ Rugged Case	FA288A#AC3
	Nylon Slim Case	FA161A#AC3
	Leather Belt Case	FA160A#AC3
	Premier Leather Belt Case	FA350A#AC3

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²Requires Bluetooth enabled mobile, separately purchased wireless carrier/Internet service plan(s) and supporting IT infrastructure.

³Telephone service requires separately purchased contract with a telephone service provider with coverage in your service area.

⁴User must have HP Protect Tools features enabled.

HP iPAQ Pocket PC features Windows Mobile™ software

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

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