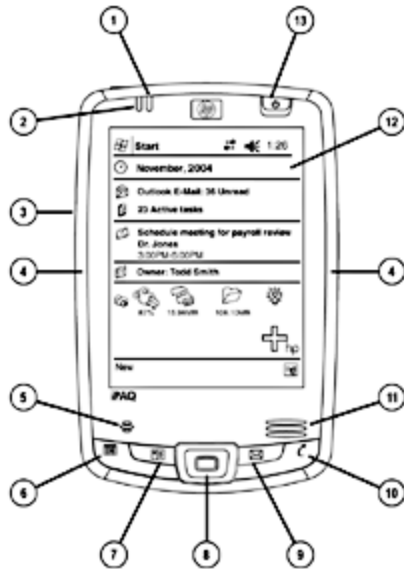
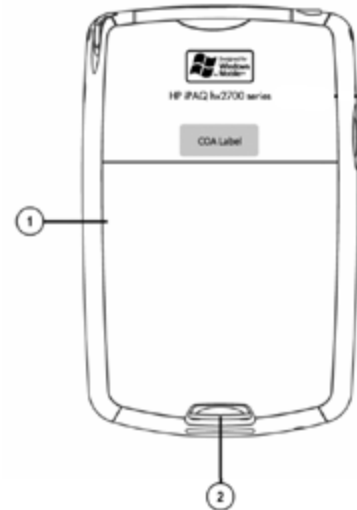


Overview



Front 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 | |



Reverse Image

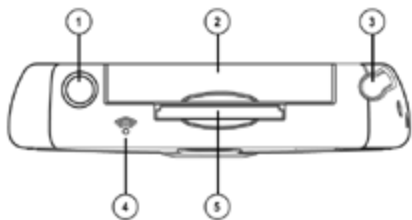
- | |
|-------------------------------|
| 1. Battery Door Cover |
| 2. Battery Door Cover Release |

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 application⁴
- 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

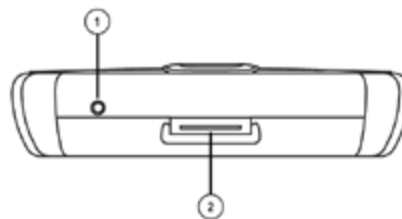
NOTE: 1 A standard WLAN (Wi-Fi) infrastructure, other Bluetooth-enabled devices, separately purchased equipment, and a service contract with a wireless airtime provider may be required for applicable wireless communication. Wireless Internet use requires a separately purchased service contract. Check with wireless network service providers for availability and coverage in your area. Not all web content available.

Overview



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

Standard Features

Models

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

FA296A#ABA – US Commercial, English

iPAQ Pocket PC hx2115 - 64 MB ROM, 64 MB SDRAM, Bluetooth and Serial IR

FA297A#ABA - US Retail, English

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 **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
 Flashing amber LED – battery in unit charging
 Flashing green LED – event alarm/notification
LED 2 – Wireless Flashing blue LED – wireless Radio enabled

Cradle Interfaces **Connector** 1 – 22 pin
DC Power jack connector for AC/DC Adapter connection 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>.

Standard Features

SD Slot	Support 1-bit SDIO and 4-bit SD/MMC type memory standard											
CF Slot	1 Type II											
Power Supply	Battery	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 Power	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)	3 x 1.9 x 1.8 in (76 x 48 x 44 mm – including prongs), (may vary by model)										
	Cord Length (approx.)	6 ft (1.83 m)										
	Power Supply Ratings	<table border="0"> <tr> <td>Voltage Range</td> <td>100 to 240 V Switching</td> </tr> <tr> <td>Input Current</td> <td>0.3 Aac</td> </tr> <tr> <td>Input Frequency</td> <td>50 to 60 Hz</td> </tr> <tr> <td>Output Voltage</td> <td>5 VDC</td> </tr> <tr> <td>Output Current</td> <td>2 Amp</td> </tr> </table>	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
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)	4.71 x 3.01 x .65 in (119.4 x 76.6 x 16.3 mm)										
	Weight	5.8 oz (164.4 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	<table border="0"> <tr> <td>Electrical</td> <td>FCC Class B, UL or CSA NRTL</td> </tr> <tr> <td>Safety</td> <td>C-UL, NOM</td> </tr> </table>	Electrical	FCC Class B, UL or CSA NRTL	Safety	C-UL, NOM						
Electrical	FCC Class B, UL or CSA NRTL											
Safety	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.											

Standard Features

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® Specifications¹

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

Standard Features

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 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.

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#ABA
Synchronization	Desktop Cradle	FA260A#AC3
	AutoSync Cable (USB and Serial)	FA122A#AC3
Input Devices	Stylus Three-pack	FA261A#AC3
	Foldable Keyboard	FA118A#ABA
	Wireless Bluetooth folding keyboard	FA287A#AC3
	Thumb Keyboard	FA302A#AC3
	SDIO Camera (Photosmart Mobile Camera)	FA185A#ABA
Navigation	iPAQ Navigation System – (U.S. only)	FA196A#ABA
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
	Custom Cases: to view and order go to: http://www.casesonline.com	

NOTES:

¹ A standard 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 service provider for availability and coverage in your area. Not all web content available.

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

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

⁴ User 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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