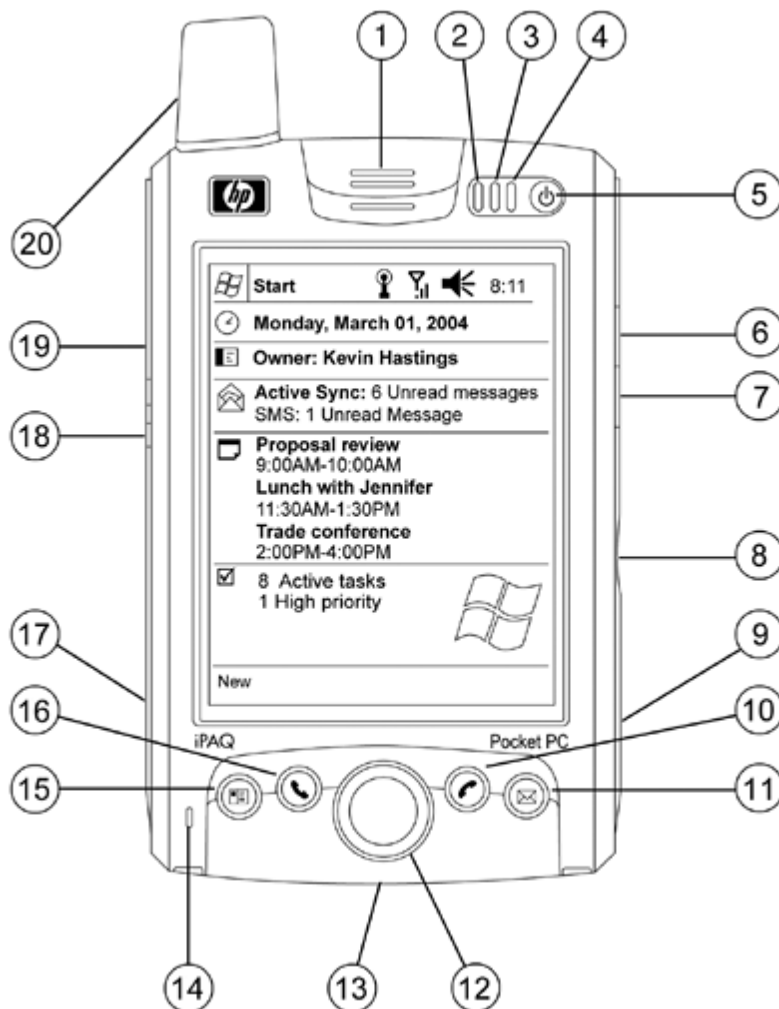


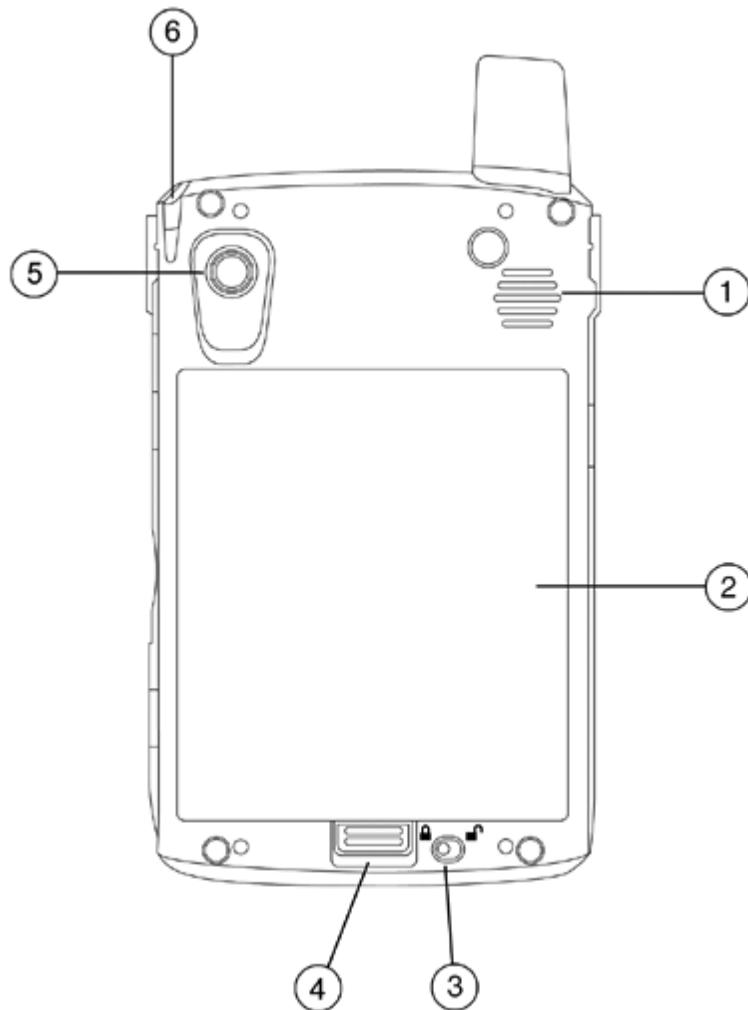
Overview

HP iPAQ Pocket PC h6325 and h6320



- | | |
|--|----------------------------------|
| 1. Phone Receiver | 11. Inbox Button |
| 2. GSM/GPRS LED Indicator | 12. 5-Way Navigation Button |
| 3. Bluetooth LED Indicator | 13. Charging/Communications Port |
| 4. WLAN LED Indicator | 14. Microphone |
| 5. Power Button with Charging/Notification LED | 15. Contacts Button |
| 6. Volume Up Button | 16. Phone Send Button |
| 7. Volume Down Button | 17. Soft Reset |
| 8. SD Expansion Card Slot | 18. Voice Record Button |
| 9. Camera Button (on select models) | 19. Headset Connector |
| 10. Phone End Button | 20. Antenna |

Overview



- | | |
|-----------------------|-----------------------------------|
| 1. Hands-free Speaker | 4. Battery Latch |
| 2. Removable Battery | 5. Camera Lens (on select models) |
| 3. Battery Lock | 6. Stylus |

At A Glance

- Integrated GSM/GPRS¹
- Integrated WLAN 802.11b¹
- Integrated Bluetooth®¹ wireless technology
- Integrated Camera (on some models)
- Integrated SD expansion slot
- Microsoft® Windows Mobile™ 2003 software for Pocket PC – Phone Edition
- 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 GSM/GPRS infrastructure, a standard wireless LAN infrastructure, other devices enabled with Bluetooth wireless technology, and a service contract with a wireless network airtime provider may be required for applicable wireless communication. GPRS Wireless Internet access requires a separately purchased service contract. Check with wireless network service providers for availability and coverage in your area. Not all web content available.
- Product appearance may vary by wireless carrier

Standard Features

Models

iPAQ Pocket PC h6325 - GSM/GPRS, WLAN, Bluetooth, Camera – Includes Cingular SIM kit

FA315A#ABA – US Commercial, English

iPAQ Pocket PC h6320 - GSM/GPRS, WLAN, Bluetooth, no Camera – Includes Cingular SIM Kit

FA316A#ABA – US Commercial, English

Processor Texas Instruments OMAP™ 1510

Memory

SDRAM	64-MB (55-MB user accessible)
ROM	64-MB
	Up to 20-MB iPAQ File Store (varies by model)

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 pixels
Dot Pitch	0.24 mm
Viewable Image Size	3.5 in (89 mm)

Camera (on select models)

Resolution	VGA
Image Quality	640 x 480 pixels
Minimum Illumination	5 lux
File Format Supported	JPEG

Hardware Buttons/Reset Buttons One power button, one Voice Record button, one Soft Reset button, Volume up/down buttons, Camera button (on select models), Contacts button, Inbox button, and Send and End buttons (All buttons are programmable except for Send, End and Reset buttons).

Stylus One – Included in the box

Audio Integrated microphone, receiver, speaker and one 3.5 mm stereo headphone jack, MP3 stereo (through audio jack or speaker)
Hands-free speaker phone

Standard Features

Indicators	Power Button	Charge and Notify indicators Blinking green – notify Blinking amber – charging Solid amber – full charge
	LED 1 – GSM/GPRS	Blinking green LED – radio ON with signal Blinking amber LED – radio ON without signal
	LED 2 – Bluetooth	Blinking blue LED – radio ON
	LED 3 – Wi-Fi	Blinking green LED – radio ON with signal Blinking amber LED – radio ON without signal
	Phone Notification	Vibrate Audible Visual message on the display
<hr/>		
Cradle Interfaces	Connector	1 – 22 pin
	DC Power jack connector for AC/DC Adapter connection	1 (may vary by model)
	Additional battery charger	Charge additional slim or extended battery
<hr/>		
Other interfaces	IrDa – Supported	
	USB – Supported via cradle interface	
	Serial – There is no generic RS-232 serial support	
	NOTE: Some HP authorized options may be supported. See http://www.hp.com/go/ipaqaccessories .	
<hr/>		
SD Slot	Support 1-bit SDIO and SD/MMC type memory standard	
<hr/>		
Power Supply	Battery	Removable/Rechargeable 1800 mAh Lithium-Ion user swappable battery. Optional extended 3600 mAh Lithium-Ion battery available for purchase (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. Based on PRD TW.09 measurements to GSM Association/ECTEL Battery Life Measurement Technique Document.	
<hr/>		

Standard Features

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	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)	5.42 x 2.94 x .82 in (137.64 x 74.6 x 20.8 mm)	
	Weight	6.7 oz (190 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	

Ergonomic Design Features	4 programmable application launch buttons – defaults Inbox, Contacts, Voice Recorder and Camera buttons (may vary by model) Rubber sides for comfortable grip
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Operating System	Microsoft® Windows Mobile™ 2003 software for Pocket PC – Phone 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 – Phone Edition 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 3.7.1 (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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Removable Keyboard	26 alpha-numeric keys with 2 application buttons, and send/end buttons – (Included in box on some models)
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Wired Ear Bud Headset	3.5mm plug with single earbud – Included in box. Optional stereo headsets available at http://www.plantronics.com .
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Standard Features

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 iPAQ Wireless: utility to manage 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
 Bluetooth Manager
 iPAQ File Store: non-volatile storage in flash ROM
 iPAQ Backup: utility for Backup/Restore to Main Memory, Memory Card or iPAQ File Store
 HP Image Capture: application to take digital photographs with the integrated camera (on some models)
 HP Image Zone for Pocket PC: application to view, edit images and create slide shows
 HP Image Transfer: application to transfer digital photographs from the iPAQ to your personal computer
 Utilities: Self Test, iPAQ Audio, Power Status

NOTE: Programs may vary based on model. Wireless carrier specific models may contain different applications.

Companion CD from HP

	Full Versions	Trial Versions
Applications	Westek ClearVue Suite HP Mobile Print Center HP Image Transfer HP TTY Support Pointsec File Encryption	CommonTime mNotes (30-day trial) XcelleNet, Afaria Device Management (demo version) HP Wireless Presenter-to-Go Intellisync Email Accelerator Client
CD Links	Extended Systems Mobile Groupware Client Good Technology Goodlink Wireless Messaging Handango	

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.

GSM/GPRS Specifications¹

Technology	Global voice and data wireless network (GSM – Global System for Mobile Communications/GPRS – General Packet Radio Services)
Regulatory	Compliant with ETSI GSM Phase 2+ standard
Operation	Quad band GSM/GPRS (GSM 850/900/1800/1900 MHz)
Power class	Class 4 (2W @ 850/900 MHz) Class 1 (1W @ 1800/1900 MHz)
GPRS data features	Class B GPRS Multi slot Class 10 Coding Schemes: CS1 to CS4
GSM voice features	Full Rate, Enhanced Full Rate, Adaptive Multi-Rate (FR/EFR/AMR) Echo cancellation and noise reduction Full duplex hands free
GSM Data	Circuit Switched Data – GSM Transparent and non-transparent (NT) data

Standard Features

Supplementary Services Supported	Call forwarding, Call barring Multiparty Calling Line Identity Call Waiting and Call Hold USSD Phase 1 (Mobile Terminated Operation Only)
Messaging Services	SMS (Short Message Service) for GSM and GPRS, both mobile-originated and mobile-terminated SMS MMS (Multimedia Message Service) Cell Broadcast
SIM	SIM standards, Phase 1,2, 2+, CPHS
Carrier certification	See http://www.hp.com (search for iPAQ h6000 certifications)
Agency certification	UL, FCC, Industry Canada, CE, IDA, C-Tick
Ring Tones file formats	MIDI Type 0, WMA, WAV

NOTE:

¹ A GSM/GPRS infrastructure, and a service contract with a wireless network airtime provider may be required for applicable wireless communication. Wireless Internet use requires a separately purchased service contract. Check with wireless service providers for availability and coverage in your area. Wireless access point required and is not included. Wireless Internet use requires separately purchased Internet service contract. Not all web content available.

WLAN Specifications^{1,2}

Technology	High-speed wireless access to the Internet, email and corporate data
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 Antenna
Security	WEP 64/128-bit compliant to IEEE 802.11 Compliant to 802.1X (EAP-TTLS, EAP-TLS, PEAP) LEAP, WPA
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, (need to verify) Power Save mode available in Power Settings
Power Consumption	Transfer mode: < 300 mA, average Receive mode: < 200 mA, average
Power Saving Option	802.11 Compliant Power Saving, idle mode 20 mA

Standard Features

Media Access Protocol Protocols Supported	CSMA/CA (Collision Avoidance) with ACK TCP/IP IPX/SPX UDP
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 and a service contract with a wireless network airtime provider may be required for applicable wireless communication. Wireless Internet use requires a separately purchased service contract. Check with wireless service providers for availability and coverage in your area. Not all web content available.

² Wireless access point required and is not included. Availability of public wireless access points limited. Wireless Internet use may require separately purchased Internet service contract.

Bluetooth® Specifications ¹

Technology	High-speed, low-power, short-range wireless communication with other Bluetooth devices
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	-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 Server Profile LAN Access Profile Object Push Profile Personal Area Networking Profile Basic Printing Profile Hard Copy Replacement Profile (printing) Headset Profile Handsfree Profile

Standard Features

Usage Models

Service Discovery

Determine what Bluetooth devices are within range and support authorization

Handsfree Operation

Make and receive phone calls using a Bluetooth headset or handsfree system

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 Server

Wireless link to WAN for Bluetooth enabled notebook or other access device¹

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 Bluetooth wireless infrastructure and/or other devices enabled with Bluetooth may be required for applicable wireless communication.

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	1800 mAh Lithium Ion Standard Battery	FA235A#AC3
	3600 mAh Lithium Ion Extended Battery	FA236A#AC3
	Automobile Adapter	FA125A#AC3
	Charger Adapter	FA133A#AC3
	AC Adapter	FA130A#ABA
Synchronization	Desktop Cradle	FA234A#AC3
Input Devices	Stylus Three-pack	FA237A#AC3
	SDIO Camera (Photosmart Mobile Camera)	FA185A#ABA
	Bluetooth Stereo Headphones	FA303A#AC3
	Wireless Bluetooth Foldable Keyboard	FA287A#AC3
Navigation	iPAQ Navigation System – (U.S. only)	FA196A#ABA
Cases	Expandable Belt Case	FA117A#AC3
	Leather Belt Case	FA350A#AC3
	Custom Cases: to view and order go to: http://www.casesonline.com	



HP iPAQ Pocket PC h6300 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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