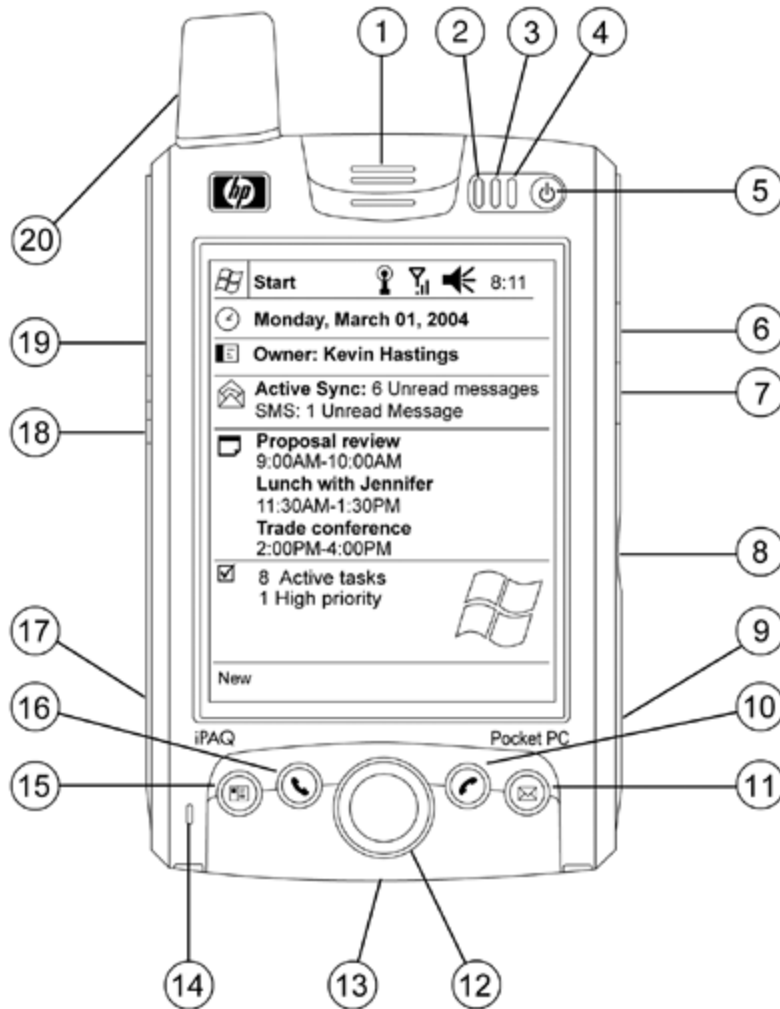


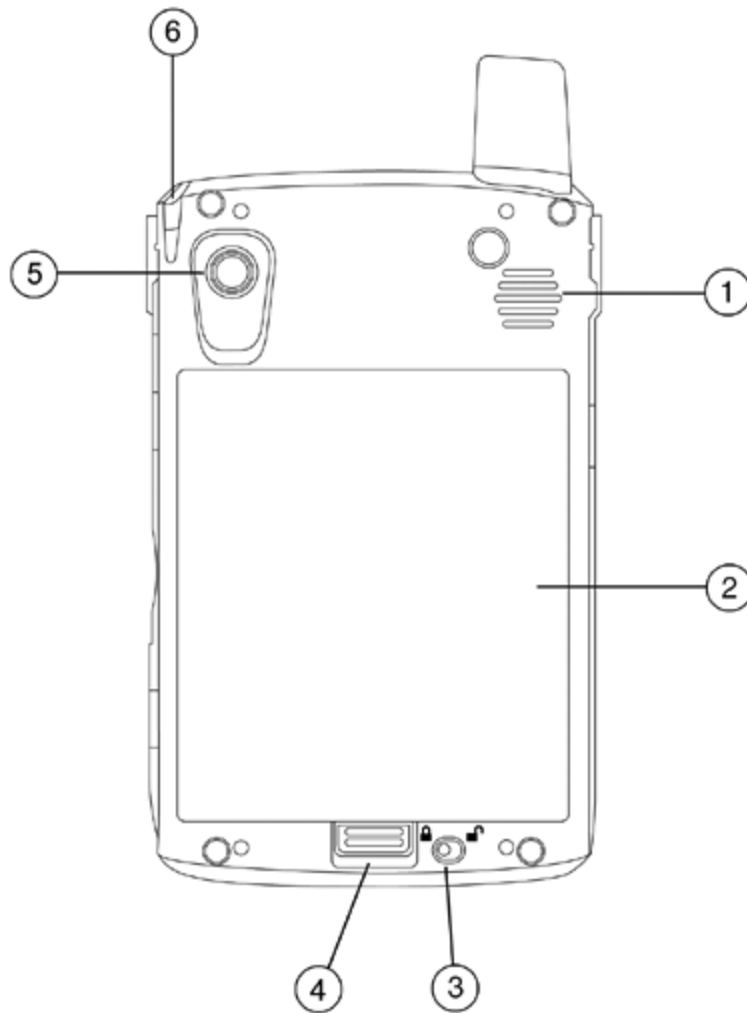
Overview



1. Phone Receiver
2. GSM/GPRS LED Indicator
3. Bluetooth LED Indicator
4. WLAN LED Indicator
5. Power Button with Charging/Notification LED
6. Volume Up Button
7. Volume Down Button
8. SD Expansion Card Slot
9. Camera Button (on select models)
10. Phone End Button

11. Inbox Button
12. 5-Way Navigation Button
13. Charging/Communications Port
14. Microphone
15. Contacts Button
16. Phone Send Button
17. Soft Reset
18. Voice Record Button
19. Headset Connector
20. Antenna

Overview



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

At A Glance

- Integrated GSM/GPRS¹
- Integrated WiFi (WLAN 802.11b¹)
- Integrated Bluetooth®¹ wireless technology
- Integrated Camera (on some models)
- Integrated SD expansion slot
- Dazzling Transflective TFT color with LED backlight display
- Removable/rechargeable battery
- Microsoft® Windows Mobile™ 2003 software for Pocket PC – Phone Edition
- 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

HP iPAQ Pocket PC h6315 – 64-MB SDRAM GSM/GPRS, WLAN, Bluetooth, Camera

FA239A#ABA – US Commercial, English (T-Mobile service provider version)

| | | |
|------------------|------------------------------|--|
| 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 | | |
| 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 | | |
| 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.hpshopping.com/ipaqaccessories . | | |
| SD Slot | Support 1-bit SDIO and SD/MMC type memory standard | | | |
| Power Supply | Battery | Removable/Rechargeable 1800 mAh Lithium-Ion user swappable battery. Optional extended 3600 mAh Lithium-Ion battery available for purchase (http://www.hpshopping.com/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. | | | | |
| AC Adapter | Dimensions (H x W xD) | 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 | |

Standard Features

| | | |
|--------------------------------------|---|--|
| 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 | |
| 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) | |
| 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) | |
| 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). | |
| Removable Keyboard | 26 alpha-numeric keys with 2 application buttons, and send/end buttons – (Included in box on some models) | |
| Wired Ear Bud Headset | 3.5mm plug with single earbud – Included in box. Optional stereo headsets available at http://www.plantronics.com . | |
| 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. | |

Standard Features

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 |
| 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.

Standard Features

| | | |
|--|--|---|
| 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 |
| Media Access Protocol | | CSMA/CA (Collision Avoidance) with ACK |
| Protocols Supported | | 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.

Standard Features

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 |
| 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 device ¹ LAN Access Wireless link to Corporate LAN using Bluetooth and appropriate Bluetooth access point ¹ Corporate email, network neighborhood, access to LAN applications, file transfer, ftp, Internet browsing, etc, using TCP/IP ¹ Access the Internet by connecting to your desktop or notebook over Bluetooth and using its network connection ¹ Generic Object Exchange and Object Push Exchange business cards, tasks, documents, appointments and more ¹ Personal Area Networking Collaborate, chat, play games, exchange data ¹ Adhoc peer to peer networking ¹ 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, see <http://www.hpshopping.com/ipaqaccessories> for details.

| | | |
|------------------------|--|------------|
| Memory/Storage | 128 MB SD Memory Card | FA135A#AC3 |
| | 256 MB SD Memory Card | FA136A#AC3 |
| | 512 MB SD Memory Card | FA184A#AC3 |
| | 1GB 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 | 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 h6315 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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