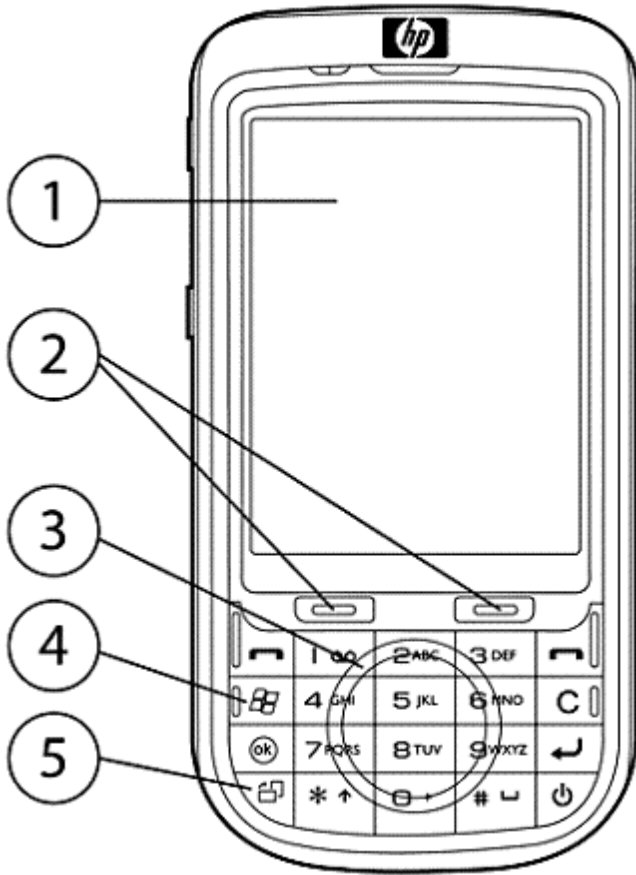
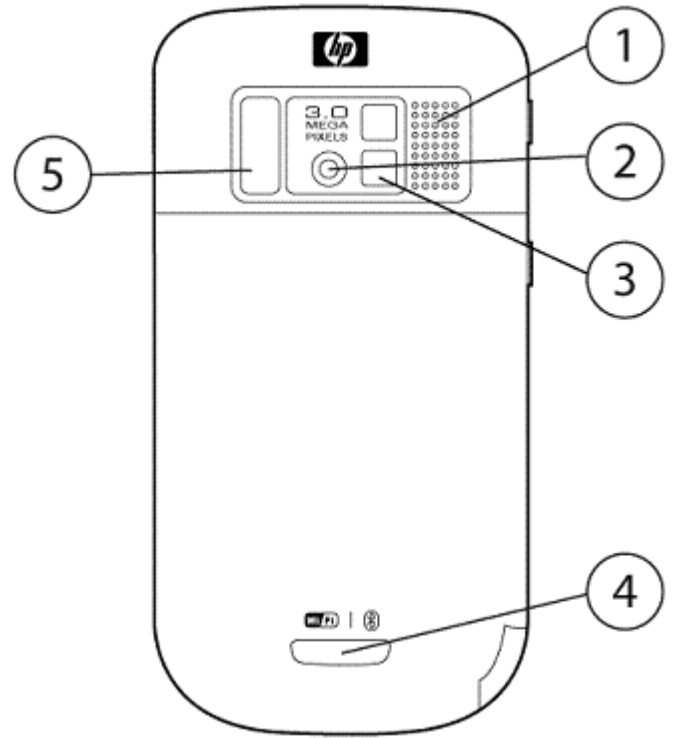


Overview



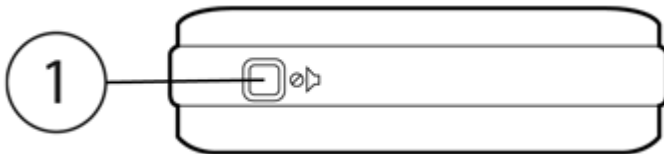
Front

1. Touchscreen display
2. Soft keys
3. Smart Touch Wheel
4. Windows key
5. Portrait/landscape key



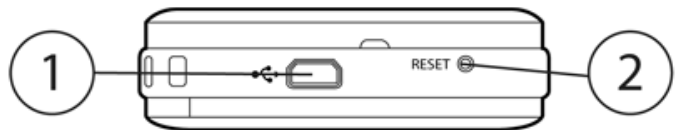
Back

1. Speaker
2. 3 MP autofocus camera
3. Self-portrait mirror
4. Cover latch (SD and SIM access)
5. LED light



Top

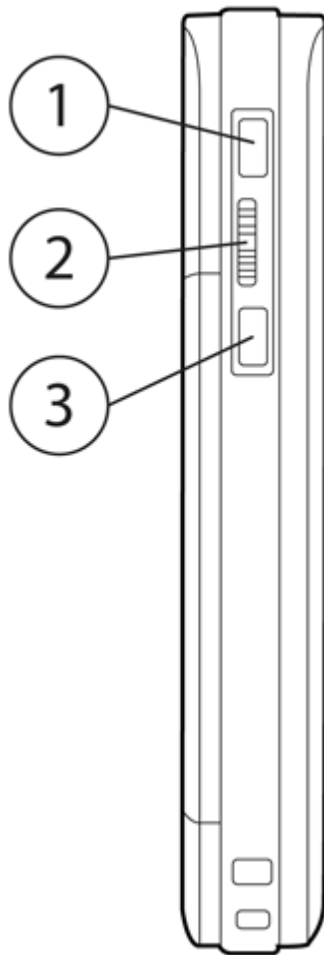
1. Vibrate button



Bottom

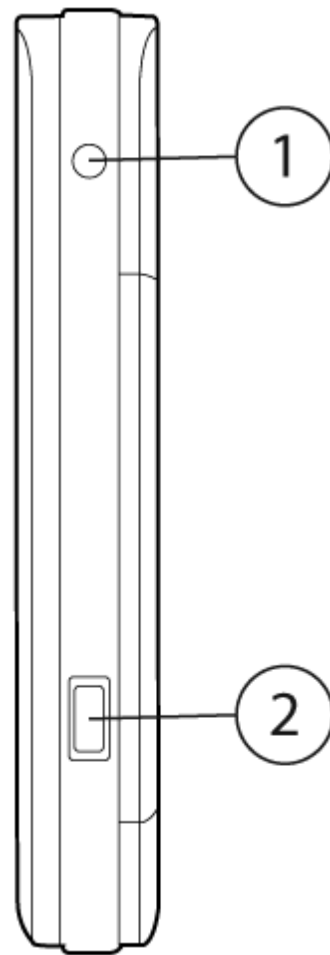
1. Mini-USB connector for power and sync cable
2. Reset

Overview



Left

1. OK button
2. 3-way thumb wheel
3. Voice Commander button



Right

1. Test port cover (do not remove)
2. Camera button

Overview

At A Glance

- 3G wireless broadband connectivity for voice and data
 - Tri-band HSDPA 3.6/7.2 Mbps (850/1900/2100 MHz)¹
 - Quad-band GSM/GPRS/EDGE (850/900/1800/1900 MHz)^{1,2,3,4}
- Wireless LAN: IEEE 802.11 b/g⁵
- Bluetooth 2.0 with EDR1
- Assisted GPS (A-GPS) navigation" Windows Mobile® 6 Professional
- Multi-mode navigation - Smart Touch Wheel, 3-way thumb wheel, touchscreen, and 12-key numeric pad
- 2.8-inch 240x320 TFT color touch screen display
- 3 Megapixel autofocus camera
- 1590 mAh battery
- 128MB SDRAM / 256MB Flash ROM
- Micro-SD card slot
- Mini-USB connector for charge/sync
- Portrait/landscape key
- Voice Commander and Voice Reply
- HP Enterprise Mobility Agent

NOTES:

¹ A standard GSM/GPRS/EDGE/UMTS/HSDPA infrastructure, Wi-Fi, 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 access requires separately purchased Internet service contract. Check with service provider for availability and coverage in your area. Not all web content available. Wireless transmission speeds may vary based upon network capabilities and other conditions. Establishment and continuation of a wireless connection depends on network availability, provider support and signal strength.

² EDGE (Enhanced Data for Global Evolution) is a global standard for wireless wide-area data communication being rapidly deployed by GSM carriers worldwide. Actual download speeds may vary. Coverage is subject to transmission limitations and terrain, system, capacity and other limitations. Not all features and service options are available in all areas.

³ Telephone service requires separately purchased contract with a telephone service provider with coverage in your service area. Additional fees may apply for some features, check with your service provider.

⁴ Normal GSM Data Calls (CSD) are not basic GSM data services. These services may not be available via all operators, and may require separate subscription. Maximum connection speed is used in defining maximum speed. The GSM Operator may change the speed of connection and reduce time slots at its discretion if the network is congested. These actions may cause lower total data rate than the requested data rate.

⁵ Wireless access point required and is not included. Availability of public wireless access points is limited. Wireless Internet use may require separately purchased Internet service contract.

Standard Features

Models

HP iPAQ 610 Business Navigator – without camera

FA986AA#ABA

United States

HP iPAQ 610c Business Navigator – with camera

FA990AA#ABA

United States

Processor

Marvell PXA 270, 520MHz

NOTE: Processor numbering is not a measurement of higher performance.

Memory

User Available Memory 128 MB SDRAM main memory for running applications
256 MB flash ROM

Display

Type	Transmissive TFT
Number of Colors	65K
Touch Screen	Yes
Resolution (W x H)	240 x 320 pixels
Viewable Image Size	2.8-inch diagonal

Camera

Resolution	3.0 Megapixels
Autofocus	Yes, using CMOS sensor
Zoom	4X digital zoom
File Format Supported	.jpg, .jpeg, progressive .jpeg, .bmp, .wbmp, .png, .tif .gif (GIF89A, GIF87A), transparent .gif, animated .gif
Video Capture	H.263/AMR-NB
Video Playback	H.263/AMR, H.264, WMV, RealNetworks

Hardware Buttons

Numeric keyboard with Smart Touch Wheel function, two soft keys, Send button, End button, Windows Start button, Windows OK button, landscape/portrait key, enter button, clear button, power button with programmable press and hold functionality, OK button, 3-way thumb wheel, Voice Commander button (press/hold: Voice Recorder), camera button

Standard Features

Audio	Input	Voice recording Built-in mono-speaker Microphone on bottom of unit Microphone input jack (combined with headphone jack)		
	Output	Mono-speaker designed for voice playback Built-in speaker on the back of the device Receiver on the front of unit for handset earpiece audio Stereo sound headset (combined with headphone jack)		
	Audio codec support	WMA, WAV, MP3, Simple MIDI, AAC-LC, HE-AAC, decode MIDI, Polyphonic Ringtone		
Sync/charge Interface	Mini-USB connector			
Expansion	Micro SD card slot			
Power	Battery	Removable/rechargeable 1590 mAh lithium-polymer battery		
	Battery performance	Talk time: up to 4 hours Standby time: up to 250 hours (up to 10 days) NOTE: All talk and standby times are approximate and depend on the network configuration, 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. 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 power supply ratings	AC Input: 100~240 Vac, 50/60 Hz, AC Input current: 115 Vac 0.15 Aac max; 230 Vac 0.08 Aac max Output Voltage: 5Vdc (typical), Output Current: 1A (typical)		
	AC adapter dimensions (HxWxD)	3 x 1.9 x 1.8 in (76 x 48 x 44 mm) including prongs (Subject to change; may vary by model)		
	Power cord length (approx.)	6 ft (1.83 m)		
System Unit	Dimensions (H x W x D)	4.6 x 2.37 x 0.69 in (117 x 60.3 x 17.5 mm)		
	Weight	5.1 oz (145 g)		
	Operating Temperature	14° to 131° F (–10° to 55° C)		
	Storage Temperature	–4° to 140° F (–20° to 60° C)		
	Operating Humidity	90% RH		
	Regulatory Marks	Electrical	UL, FCC, Industry Canada, CE, IDA, C-Tick, CCC, RTA, NAL, NZ DoC, NTC, IDA, DGT, SIRIM, PTA, GOST, SASO, SABS, PTB, JTB, WPC, DJPT, DGPT, CIT, MoC, ICASA, Etisalat, TTA, etc.	
		Safety	GCF 3.26, PTCRB 3.11.1, RoHS or WEE compliance, European SAR	

Standard Features

In the box HP iPAQ 600 Series Business Navigator, stylus, standard battery, USB synchronization/charge cable, AC adapter, wired stereo headset, screen protector film, HP iPAQ Getting Started CD, documentation kit

Operating System Windows Mobile® 6 Professional

Applications/Links Microsoft Office Outlook Mobile
Microsoft Office Mobile
Internet Explorer Mobile
Windows Media Player
Microsoft ActiveSync
Phone Dialer
Voice Notes
Calculator
Solitaire, Bubble Breaker
Microsoft Live Messenger
Microsoft Live Search

HP value-add applications:

Voice Commander:
PDF viewer
ZIP files viewer
HP Connect/Phone Data Manager
MMS Composer
iPAQ Wireless Manager
Today Panel Lite
Google Maps Mobile
HP Help and Support link
Automatic time-out key lock (keyguard)
HP Photosmart Mobile with Snapfish upload capability
Certificate enroller
HP Shortcuts

NOTE: Programs may vary based on model. Some programs are accessed through links to download web sites. Some programs may require purchase of additional desktop software.

Service and Support Warranty: One-year limited warranty parts and labor; 90 days technical support for software.

HP Business Support Center

- iPAQ Active Chat support 24x7
- Email-based support service
- On-line troubleshooting and self-help resources

NOTE: Additional offers may vary by region.

Standard Features

Wireless Wide-Area Network (WWAN) Specifications ^{1,2,3,4}	Technology	HSDPA – High-Speed Downlink Packet Access EDGE – Enhanced Data for Global Evolution GSM – Global System for Mobile Communications GPRS – General Packet Radio Services
	Operation	Tri-band HSDPA 3.6/7.2 Mbps (850/1900/2100 MHz) Quad-band GSM/GPRS/EDGE (850/900/1800/1900 MHz)
	Power class	Class 4 (2W @ 850MHz) Class 4 (2W @ 900 MHz) Class 1 (1W @ 1800/1900 MHz) GSM 850 8-PSK Class E2 GSM 1900 8-PSK Class E2 GSM 900 8-PSK Class E2 GSM 1800 8-PSK Class E2
	Chipset	Qualcomm MSM6280 radio chipset
	GSM technology features	Half Rate, Full Rate, Enhanced Full Rate and Adaptive Multi-Rate (HR,FR/EFR/AMR) Echo cancellation and noise reduction Full duplex hands free
	EDGE features	EGPRS Class B Multi slot Class 10 PBCCH Support for E-GPRS coding schemes MCS1 to MCS9 in both the uplink and downlink
	GPRS data features	Coding Schemes: CS1 to CS4 Network Mode 1-3
	Circuit switched data⁴	Normal Single Slot GSM Circuit Switched Data @ 9.6 Kbps Transparent and Non-Transparent Data
	Unstructured supplementary service data	USSD Phase 2 (MO & MT)
	Encryption	GEA1
	Authentication	Password Authentication Protocol (PAP) or Challenge Authentication Protocol (CHAP)
	Messaging services	SMS (Short Message Service) for GSM, both mobile-originated and mobile-terminated SMS MMS (Multimedia Message Service) Cell Broadcast
	SIM	1.8 / 3.0V SIM operation Security: Pin 1 & 2 Control SIM standards, Phase 1, 2, 2+, CPHS SIM Toolkit Release 96+
	Ring Tones file formats	Simple MIDI, WMA, WAV, MP3, polyphonic MIDI
	Regulatory	Compliant with ETSI GSM Phase 2+ standard

Standard Features

Global Positioning System Operation (GPS) Specifications

APIs included

Assisted GPS operation
High sensitivity GPS signal detection
On-chip Doppler measurement and navigation data decoding
Operating temperature range of -10 to +55 degree C
GPS Power Management API
Microsoft GPS port sharing API per Magneto spec

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Options

NOTE: Optional accessories are available as separate purchase.

Memory/Storage	HP iPAQ 256MB Micro SD Memory	FA874AA#AC3
	HP iPAQ 512MB Micro SD Memory	FA875AA#AC3
	HP iPAQ 1GB Micro SD Memory	FA876AA#AC3
	HP iPAQ 2GB Micro SD Memory	FA877AA#AC3
<hr/>		
Power	HP iPAQ 600 Standard Battery	FA915AA#AC3
	HP iPAQ 600 Extended Battery	FA916AA#AC3
	HP iPAQ Auto Adapter – Mini-USB	FA765AA#AC3
	HP iPAQ 600/900 Mini-USB Sync/Charge Cable	FA917AA#AC3
	HP iPAQ Travel Kit – Mini-USB	FA804AA#AC3
	HP iPAQ AC Adapter – Mini-USB	FA762AA#AC3
<hr/>		
PC Synchronization	HP iPAQ 600/900 Mini-USB Sync/Charge Cable	FA917AA#AC3
<hr/>		
Audio	HP iPAQ Stereo Wired Mini-USB Headset	FB061AA#AC3
	HP iPAQ Bluetooth (Mono) Headset	FB029AA#AC3
<hr/>		
Cases	HP iPAQ 600 Belt Case	FA919AA#AC3
	HP iPAQ 600 Skin-Fit Case	FA921AA#AC3
<hr/>		
Other Accessories	HP iPAQ Bluetooth Keyboard (HID)	FA802AA#AC3
	HP iPAQ 600 Screen Protector	FB059AA#AC3
	HP iPAQ 600 Stylus Kit	FA931AA#AC3
	HP iPAQ Universal Car Cradle	FA920AA#AC3
	HP iPAQ External GPS Antenna	FB058AA#AC3

For more information on the HP iPAQ 600 Series Business Navigator, visit <http://www.hp.com>.

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