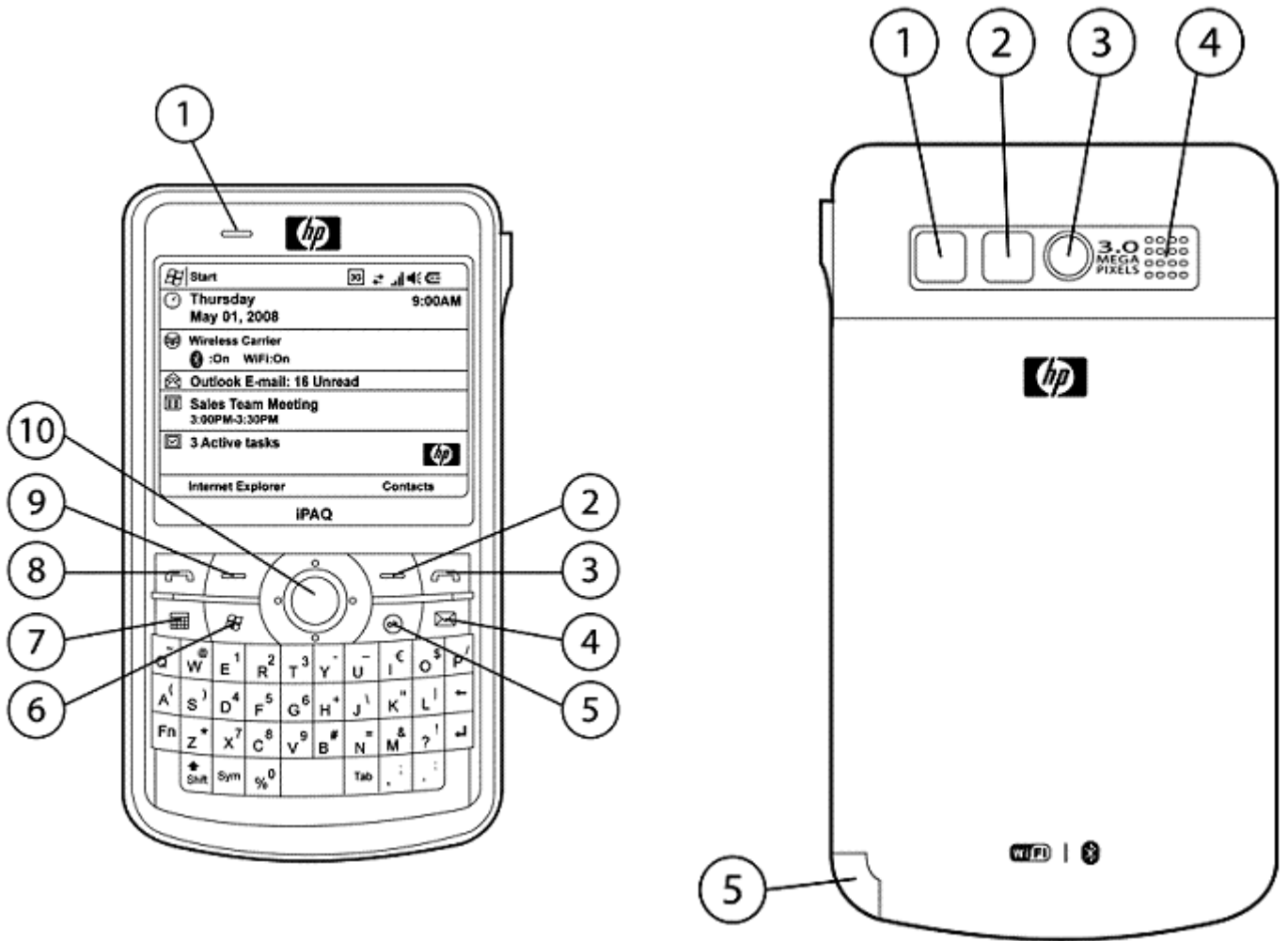


Overview



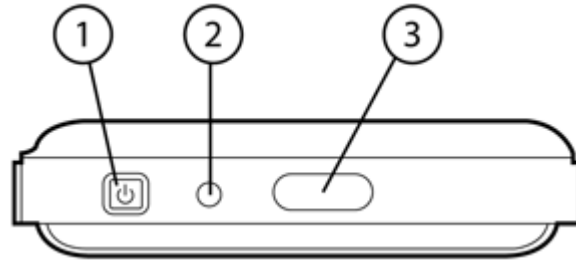
Front

1. Wireless status/charging/notification LED
2. Programmable "soft" key
3. End call button
4. Email Button
5. OK button
6. Windows Start key
7. Calendar
8. Start Call button
9. Programmable "soft" key
10. 5-way Navigation button with center select

Back

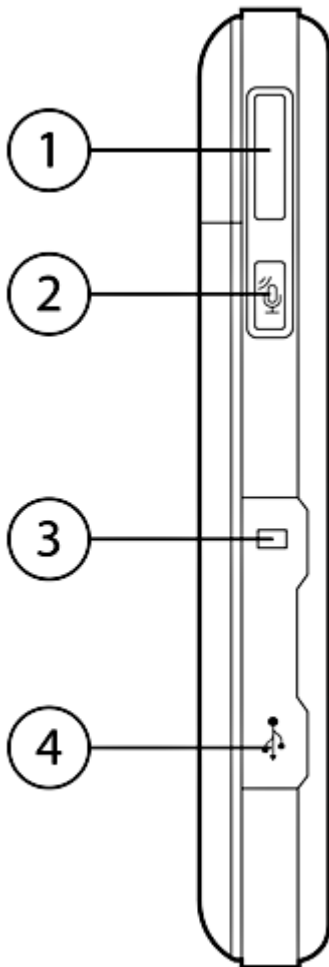
1. Self-portrait mirror
2. Flash LED
3. 3MP camera with auto focus
4. Speaker
5. Stylus

Overview



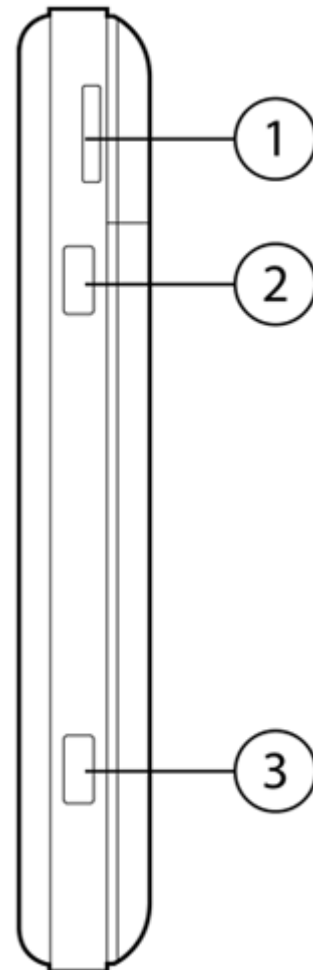
Top

1. Power
2. Reset
3. Navigation Antenna Port



Left

1. Volume up/down
2. Voice Record/Cyberon Voice Commander button
3. Micro-SD slot
4. Mini-USB sync/charge and headset connector



Right

1. Scroll wheel
2. OK
3. Camera

Overview

At A Glance

- 3G wireless broadband connectivity for voice and data
 - Tri-band UMTS/HSDPA up to 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/g with WPA2 security⁵
- Bluetooth 2.0 with EDR¹
- Multi-mode GPS navigation
- Windows Mobile® 6.1 Professional
- Alphanumeric keyboard, scroll wheel, 5-way navigation, 2 soft keys, and four quick access keys
- 2.46-inch 320x240 TFT color touch panel display
- Dimensions/weight: 114 x 64 x 15 mm, 154 g
- 3 Megapixel auto focus camera
- 1940 mAh Li-Polymer battery
- 128MB SDRAM / 256MB Flash ROM
- Micro-SD card slot
- Mini-USB connector for charge/sync or headset
- HP Voice Reply and Cyberon Voice Commander

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 910c Business Messenger

FB068AA#ABA	US, Canada, The Caribbean, Puerto Rico, Antigua/Barbuda, Aruba, Bahamas, Barbados, Bermuda, British Virgin Islands, Cayman Islands, Dominican Republic, Grenada, Guam, Haiti, Jamaica, St. Kitts, St. Vincent, US Virgin Islands, Belize, French Guiana, Guyana, Martinique
FB068AA#ABA	Canada
FB068AA#ABC	Canada

Processor	Marvell PXA270 processor, 416MHz NOTE: Processor numbering is not a measurement of higher performance.
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Memory	128MB SDRAM main memory for running applications 256MB flash ROM
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Display	Type	Transmissive active matrix TFT LCD with LED backlight
	Number of Colors	65,000, 16-bit
	Touch Screen	Yes
	Resolution (W x H)	320 x240 pixels (QVGA)
	Dot pitch	52 x 156 um
	Viewable Image Size	2.46-inch diagonal

Camera	Resolution	3 Megapixel CMOS sensor, auto focus, 4X digital zoom function
	Image quality	QVGA (320x240), VGA (640x480), SXGA (1280x1024), UXGA (1600x1200), QXGA (2048x1536)
	File format	.jpg, .3gp
	Video size	QCIF (176 x 144), 120, QVGAQVGA (320x240)

Hardware Buttons	Power key, reset button, menu key, volume up/down, recording key, jog dial, alphanumeric keyboard, 5-way navigation key, 2 programmable soft keys, 4 quick access keys (email, calendar, Windows Start, and OK)
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Standard Features

Audio	Input	Voice recording Built-in mono-speaker Microphone on bottom of unit
	Output	Speaker designed for voice playback Built-in speakerphone on the back of the device Speaker on front of unit for handset earpiece audio Mini-USB for stereo headset
	Audio codec support	WMA, MP3, Simple MIDI, E/D AMRNB, AMRWB, AAC-LC, HE-AAC, decode MIDI, polyphonic ringtone

Interface(s)	Mini-USB sync/charge and headset
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Removable storage	MicroSD card slot, up to 4GB capacity
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Power	Battery	Removable/rechargeable 1940 mAh Li-Polymer battery
	Battery performance	Talk time: up to 7.5 hours and Standby time: up to 10.4 days (250 hours) 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 3G/UMTS, 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 0.2 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) (May vary by model)
	Power cord length (approx.)	6 ft (1.83 m)

System Unit	Dimensions (H x W x D)	4.5 x 2.5 x 0.6 in (114 x 64 x 15 mm)		
	Weight	5.4 oz (154 g)		
	Operating temperature	14° to 131° F (-10 to 55° C)		
	Storage temperature	-4° to 140° F (-20 to 60° C)		
	Operating humidity	Up to 90% RH		
	Regulatory marks	Electrical	UL, FCC, Industry Canada, CE, IDA, C-Tick, NTC, SIRIM, PTA, GOST, SASO, SABS, WPC, MoC, ICASA	
		Carrier interoperability	GCF 3.26, PTCRB 3.11.1	
Safety		RoHS or WEE compliance		

Standard Features

In the box HP iPAQ 900 Series Business Messenger, standard battery, mini-USB sync/charge cable, AC adapter, mini-USB wired stereo headset, HP iPAQ Getting Started CD, and documentation kit

Operating System Windows Mobile 6.1 Professional

Applications/Links	Microsoft Office® Outlook® Mobile Microsoft Office Mobile Internet Explorer Mobile Windows Media Player 10 Mobile, Microsoft ActiveSync Calendar, Contacts, Tasks, Notes, Word Mobile, Excel Mobile, PowerPoint Mobile Phone Dialer Calculator Solitaire, Bubble Breaker Windows Messenger Windows Live® Games File Explorer Getting Started Internet Sharing Pictures & Videos Remote Desktop Mobile Search Task Manager	Value-add applications: HP Photosmart Mobile Bluetooth Manager HP Help and Support HP Voice Reply Cyberon Voice Commander HP iPAQ GPS QK Position HP Enterprise Mobility Agent HP Keyboard Indicator HP iPAQ Tips HP AssetViewer HP Keyguard HP Certificate Enroller HP iPAQ DataConnect Google Search Google Maps HP Printsmart Mobile ClearVue PDF Sun Java MMS Client/Composer OMA DRM Client (forward lock) SIM ToolKit SIM Manager plug-in HP iPAQ Audio Ringtone Manager HP iPAQ Power HP iPAQ Keyboard Factory Recovery
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NOTE: Programs may vary based on model. Some programs are accessed through CD links to download web sites. Some programs may require purchase of additional desktop software to utilize Smartphone versions.

Standard Features

Service and Support

HP Total Care Warranty and Services: One year parts and labor in most regions; 90 days technical support for software in most regions.

HP Business Support Center

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

HP Care Pack Services extend service contracts which go beyond your standard warranties. For more details visit: <http://www.hp.com/go/lookuptool>

NOTE: Additional offers may vary by region.

Wireless Wide-Area Network (WWAN) Specifications ^{1,2,3,4}

Technology	UMTS – Universal Mobile Telecommunication System 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 UMTS/HSDPA up to 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
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 technology features	EGPRS Class E2 Multi slot Class 12 PBCCH Support for E-GPRS coding schemes MCS1 to MCS9 in both the uplink and downlink
GPRS technology features	Coding Schemes: CS1 to CS4 Network Mode 1-2, partial support for mode 3 (limited support for NMO3)
Supplementary services supported	Call forwarding Call barring Multiparty Calling Line Identity Call Waiting Call Holding
Unstructured supplementary service data	USSD Phase 2 (MO & MT)
Encryption	GEA1

Standard Features

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 99
Ring Tones file formats	Simple MIDI, WMA, WAV, MP3, polyphonic MIDI, ACC, AMR, AWB
Regulatory	Compliant with ETSI GSM Phase 2+ standard

Wireless LAN Specifications^{1,5}	IEEE Standard(s)	802.11b/g compliant
	Frequency band	2.412 to 2.472 GHz
	Antenna type	PIFA antenna (internal)
	Authentication	802.1x EAP-TLS EAP-PEAP No EAP-FAST No EAP-SIM
	Encryption	WEP – 64 & 128 WPA (TKIP) No WPA2 (AES)
	Modulation technique	OFDM (54,48,36,24,18,12,9,6 Mbps)/CCK/DSSS(1,2,5.5,11 Mbps)
	Modulation schemes	OFDM/DSSS/CCK
	Receiver sensitivity - packet error rate	11 Mbps: <-91 dBm, PER < 8 %, typical
	Transmit output power	6 Mbps: <- 89 dBm, PER < 10 %, typical 54 Mbps: <- 70 dBm, PER < 10 %, typical 1 Mbps: <-95 dBm, PER < 8 %, typical 15 dBm (typical 802.11 b) 15 dBm (typical 802.11 g)
	Power consumption	Transmit mode: 941 m Watts, typical Receive mode: 479 m Watts, typical
	Media access protocol	CSMA/CA
	Internet protocols supported	TCP/IP
	Operating distance	Up to 360 feet (outdoor/open sight)
	Certification	Wi-Fi logo certification including WPA/TLS

Standard Features

Bluetooth® Specifications¹	Technology	High-speed, low-power, short-range wireless communication with other Bluetooth devices
	Specification	Bluetooth 2.0/EDR support
	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 50 mA - typical RX current at approximately 30 mA
	Profile support	Generic Access Profile (GAP) Generic Object Exchange Profile (GOEP) Serial Port Profile (SPP) Hands Free Profile (HFP) Handset Profile (HSP) Human Interface Device (HID) Profile Host Object Push Profile (OPP) Personal Area Networking (PAN) Profile ActiveSync Over Bluetooth Advance Audio Distribution Profile (A2DP) Audio/Video Remote Control Profile (AVRCP) Client Generic Audio/Video Distribution Profile (GAVDP) Phone Book Access Profile (PBAP) File Transfer Profile (FTP) Basic Printing Profile (BPP) Basic Image Push Profile (BIP)

Global Positioning System Operation (GPS) Specifications	Multi-mode GPS operation High sensitivity GPS signal detection On-chip Dopplar measurement and navigation data decoding Host interface: USB Supported voltages: 2.85V JTAG test capability HP iPAQ GPS QK Position
	APIs included GPS Power Management API Microsoft GPS port sharing API per Magneto spec

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Standard Features

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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 Auto Adapter – Mini-USB	FA765AA#AC3
	HP iPAQ 900 Standard battery (1940 mAh)	FA923AA#AC3
	HP iPAQ 900 Extended Battery (3180 mAh)	FA924AA#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/>		
Input devices	HP iPAQ 900 Stylus Kit	FA932AA#AC3
<hr/>		
Cases	HP iPAQ 900 Belt Case	FA925AA#AC3
	HP iPAQ 900 Skin-Fit Case	FA927AA#AC3
<hr/>		
Other Accessories	HP iPAQ 900 Screen Protector	FB060AA#AC3
	HP iPAQ Universal Car Cradle	FA920AA#AC3
	HP iPAQ External GPS Antenna	FB058AA#AC3

For more information on the HP iPAQ 900 Series Business Messenger, visit <http://www.hp.com>.

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