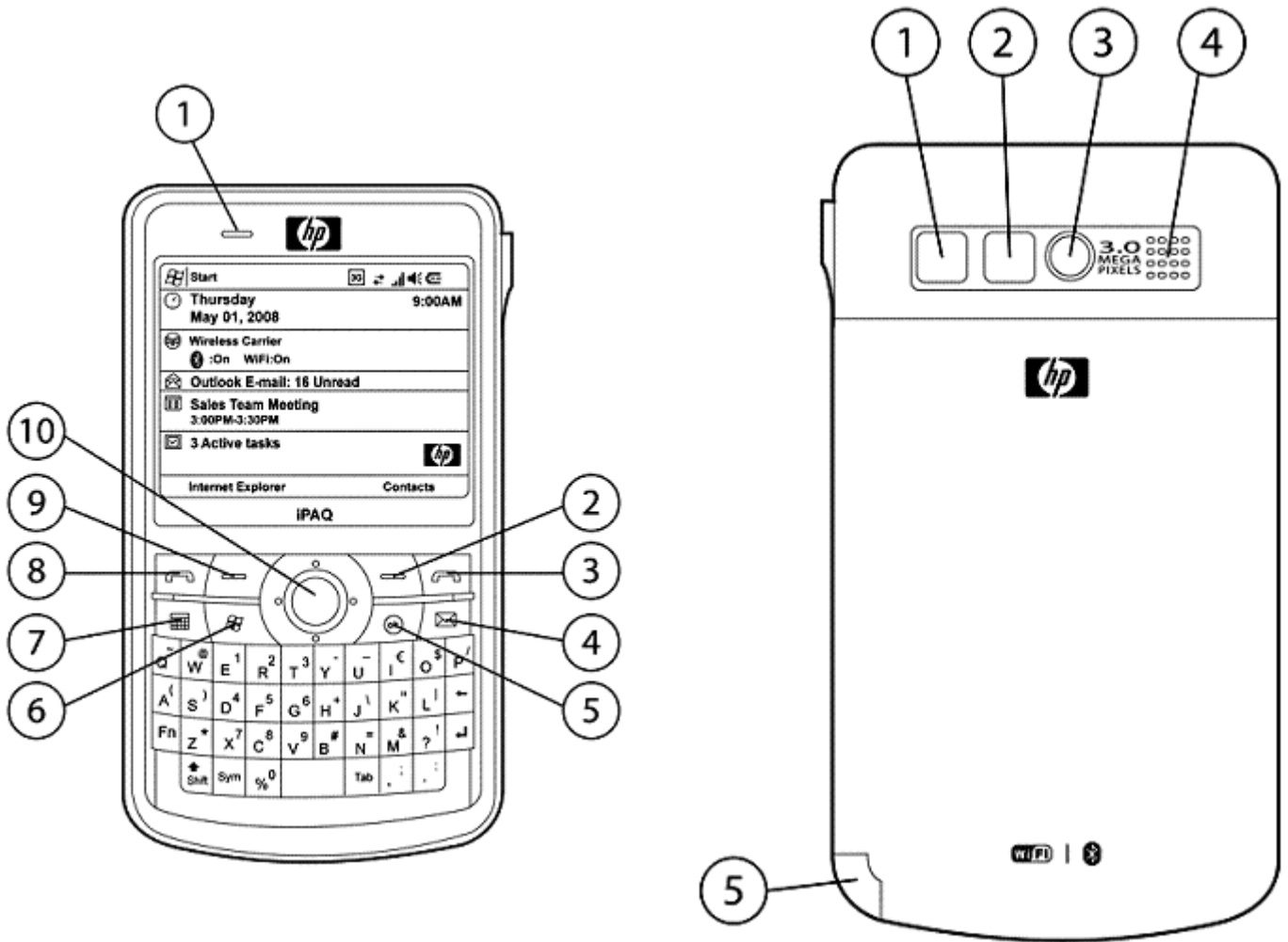


### Overview



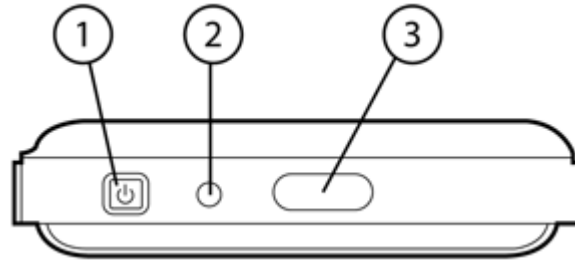
Front

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

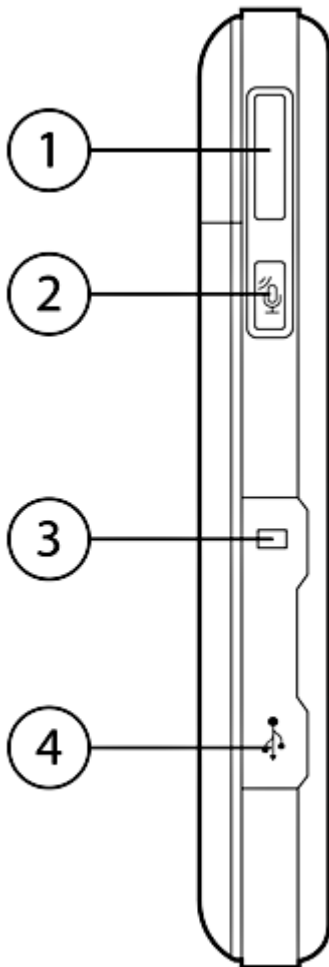
1. Self-portrait mirror
2. Flash LED
3. 3MP camera with auto focus
4. Speaker
5. Stylus

### Overview



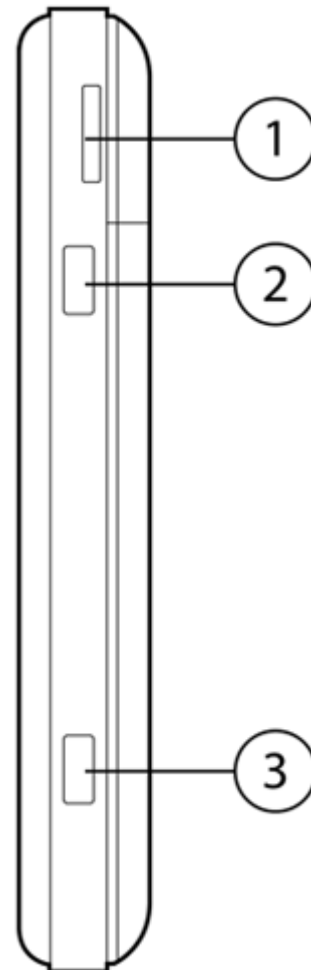
#### Top

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)<sup>1</sup>
  - Quad-band GSM/GPRS/EDGE (850/900/1800/1900 MHz)<sup>1,2,3,4</sup>
- Wireless LAN: IEEE 802.11 b/g with WPA2 security<sup>5</sup>
- Bluetooth 2.0 with EDR<sup>1</sup>
- 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:

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> 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.

<sup>5</sup> 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

FB050AA#ABA	US, 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
FB050AA#ABC	Canada
FB050AA#B16	Chile, Peru, Ecuador, Colombia, Venezuela, Bolivia, Paraguay, Uruguay, Costa Rica, El Salvador, Guadeloupe, Guatemala, Guyana, Honduras, Martinique
FB050AA#AC8	Argentina
FB050AA#AC4	Brazil, Guyana
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
FB167AA#AR9	Mexico

##### HP iPAQ 912c Business Messenger

FB051AA#UUF	Singapore, Hong Kong, Thailand, Indonesia, Philippines, India, Vietnam, Cambodia, Bangladesh, Laos, Nepal, Pakistan, Sri Lanka
FB051AA#ABG	Australia, New Zealand
FB051AA#ARE	Malaysia
FB051AA#AB0	Taiwan
FB051AA#AB5	Hong Kong
FB089AA#ACJ	India

##### HP iPAQ 914c Business Messenger

FB052AA#ABB	UK, Ireland, Sweden, Norway, Finland, Denmark, Bulgaria, South Africa, Switzerland, Iceland, Israel, Luxembourg, Albania, Algeria, Benin, Cameroon, Ghana, Guinea, Liberia, Morocco, Nether Antilles, Nigeria, Romania, Suriname, Trinidad Tobago, Belarus, Liechtenstein
FB052AA#ABF	France, Switzerland
FB052AA#ABZ	Italy, Switzerland
FB052AA #AB9	Portugal
FB052AA#ABE	Spain
FB052AA#AB7	Greece
FB052AA#ABD	Germany, Austria, Switzerland, Netherlands, Liechtenstein
FB052AA#AB8	Turkey
FB052AA#ABV	Saudi Arabia, UAE, Egypt, Kuwait, Bahrain, Qatar, Yemen, Oman, Lebanon, Jordan
FB052AA#ACB	Russian Federation, Belarus
FB052AA#ABH	Netherlands
FB052AA#ABY	Denmark
FB052AA#ABS	Sweden
FB052AA#ABN	Norway
FB153AA#ABB	Czech Republic, Croatia, Israel, South Africa, Ukraine

##### HP iPAQ 914c Business Messenger – top value



### Standard Features

FB052AT#ABB	UK, Ireland, Sweden, Norway, Finland, Denmark, Bulgaria, South Africa, Switzerland, Iceland, Israel, Luxembourg, Albania, Algeria, Benin, Cameroon, Ghana, Guinea, Liberia, Morocco, Nether Antilles, Nigeria, Romania, Suriname, Trinidad Tobago, Belarus, Liechtenstein
FB052AT#ABF	France, Switzerland
FB052AT#ABZ	Italy, Switzerland
FB052AT#AB9	Portugal
FB052AT#ABE	Spain
FB052AT#AB7	Greece
FB052AT#ABD	Germany, Austria, Switzerland, Netherlands, Liechtenstein
FB052AT#AB8	Turkey
FB052AT#ACB	Russian Federation, Belarus
FB052AT#ABH	Netherlands
FB052AT#ABY	Denmark
FB052AT#ABS	Sweden
FB052AT#ABN	Norway

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

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

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<b>Hardware Buttons</b>	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

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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) <b>NOTE:</b> 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. <b>NOTE:</b> 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)

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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		

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### 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

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**Operating System** Windows Mobile 6.1 Professional

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<b>Applications/Links</b>	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	<b>Value-add applications:</b> 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.

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### 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 <sup>1,2,3,4</sup>

<b>Technology</b>	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
<b>Operation</b>	Tri-band UMTS/HSDPA up to 7.2 Mbps (850/1900/2100 MHz) Quad-band GSM/GPRS/EDGE: 850/900/1800/1900 MHz
<b>Power class</b>	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
<b>GSM technology features</b>	Half Rate, Full Rate, Enhanced Full Rate and Adaptive Multi-Rate (HR,FR/EFR/AMR) Echo cancellation and noise reduction Full duplex hands free
<b>EDGE technology features</b>	EGPRS Class E2 Multi slot Class 12 PBCCH Support for E-GPRS coding schemes MCS1 to MCS9 in both the uplink and downlink
<b>GPRS technology features</b>	Coding Schemes: CS1 to CS4 Network Mode 1-2, partial support for mode 3 (limited support for NMO3)
<b>Supplementary services supported</b>	Call forwarding Call barring Multiparty Calling Line Identity Call Waiting Call Holding
<b>Unstructured supplementary service data</b>	USSD Phase 2 (MO & MT)
<b>Encryption</b>	GEA1

### Standard Features

<b>Messaging services</b>	SMS (Short Message Service) for GSM, both mobile-originated and mobile-terminated SMS MMS (Multimedia Message Service) Cell Broadcast
<b>SIM</b>	1.8 / 3.0V SIM operation Security: Pin 1 & 2 Control SIM standards, Phase 1, 2, 2+, CPHS SIM Toolkit Release 99
<b>Ring Tones file formats</b>	Simple MIDI, WMA, WAV, MP3, polyphonic MIDI, ACC, AMR, AWB
<b>Regulatory</b>	Compliant with ETSI GSM Phase 2+ standard

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

### Standard Features

<b>Bluetooth® Specifications<sup>1</sup></b>	<b>Technology</b>	High-speed, low-power, short-range wireless communication with other Bluetooth devices
	<b>Specification</b>	Bluetooth 2.0/EDR support
	<b>System interface</b>	High-speed UART processor interface
	<b>User interface</b>	Bluetooth Manager
	<b>Device type</b>	Class II device; up to 4 dBm transmit, typical 10 meter range
	<b>Power</b>	<b>3.3V 5% Peak current</b> - typical TX current at approximately 50 mA - typical RX current at approximately 30 mA
	<b>Profile support</b>	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)

<b>Global Positioning System Operation (GPS) Specifications</b>	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
<b>APIs included</b>	GPS Power Management API
	Microsoft GPS port sharing API per Magneto spec

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> 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

### *Standard Features*

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.

<sup>5</sup> 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.

### Options

**NOTE:** Optional accessories are available as separate purchase.

<b>Memory/Storage</b>	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/>		
<b>Power</b>	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/>		
<b>PC Synchronization</b>	HP iPAQ 600/900 Mini-USB Sync/Charge Cable	FA917AA#AC3
<hr/>		
<b>Audio</b>	HP iPAQ Stereo Wired Mini-USB Headset	FB061AA#AC3
	HP iPAQ Bluetooth (Mono) Headset	FB029AA#AC3
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<b>Input devices</b>	HP iPAQ 900 Stylus Kit	FA932AA#AC3
<hr/>		
<b>Cases</b>	HP iPAQ 900 Belt Case	FA925AA#AC3
	HP iPAQ 900 Skin-Fit Case	FA927AA#AC3
<hr/>		
<b>Other Accessories</b>	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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