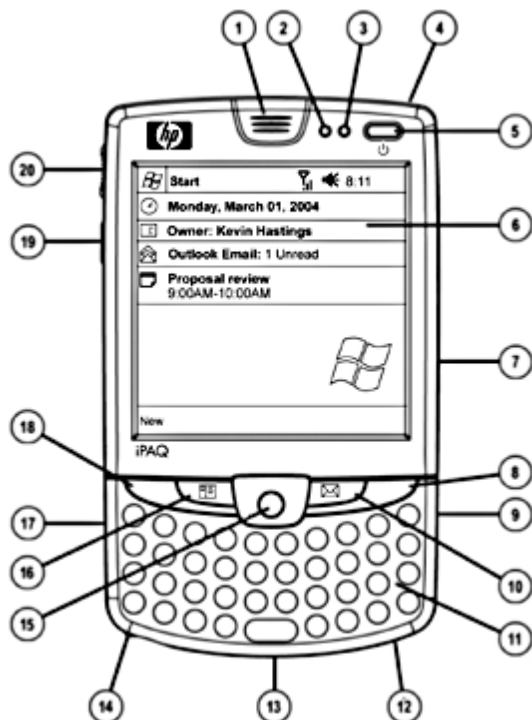
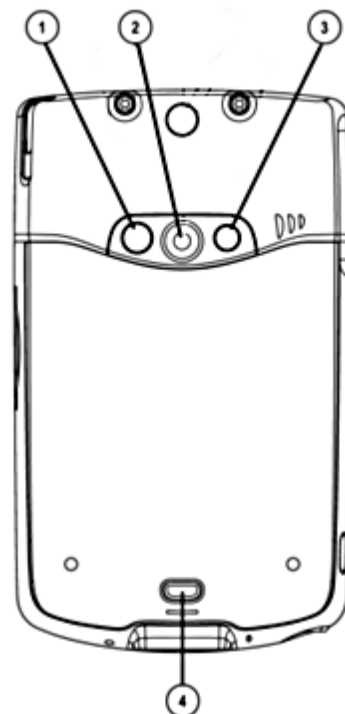


## Overview



Front Image



Back Image

- |                             |  |
|-----------------------------|--|
| 1. Speaker                  | 11. QWERTY keyboard with LED backlight |
| 2. Power / notification LED | 12. Reset button                       |
| 3. Bluetooth LED            | 13. 22-pin charge, sync connector      |
| 4. Stylus                   | 14. Stereo headphone/mic jack          |
| 5. Power button             | 15. 5-way joystick                     |
| 6. Color display            | 16. Contacts button                    |
| 7. SD slot (side)           | 17. IR window (side)                   |
| 8. End button               | 18. Send button                        |
| 9. Mini-SD slot (side)      | 19. Image capture (side)               |
| 10. Inbox button            | 20. Volume up/down (side)              |

1. LED light (for photography)
2. 1.3 MP camera
3. Self portrait mirror
4. Battery door cover release

### Overview

#### At A Glance

- Integrated Antenna
- Integrated Quad band GSM/GPRS/EDGE wireless radio with automatic band transition<sup>1,2,3,4</sup>
- Integrated GPS Receiver (GPS Navigation software included in European SKUs only)<sup>5</sup>
- Integrated Bluetooth® 1.2 wireless technology
- Intel® PXA272 Processor 312 MHz
- Integrated HP Photosmart 1.3 MP camera
- Integrated thumb keyboard
- Integrated Secure Digital (SDIO) slot
- Integrated Mini-SD slot (memory only)
- Integrated IrDA SIR 1.2
- Removable/rechargeable 1200 mAh battery
- 3.0" transfective TFT QVGA with 64K color LED backlight display
- Microsoft® Windows Mobile™ 2003 Second Edition software - Phone Edition
- Pocket versions of familiar applications like Microsoft® Outlook®, Word and Excel

#### NOTES:

<sup>1</sup> A standard GSM/GPRS infrastructure, other Bluetooth-enabled devices, separately purchased equipment, and a service contract with a wireless airtime provider may be required for applicable wireless communication. GSM/GPRS 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. GPRS may not be available in all networks. GPRS data transmission speeds may vary based upon network capabilities and other conditions. Establishment and continuation of a GPRS 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.

<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.

<sup>5</sup> GPS Navigation software is included with HP iPAQ hw6500 models sold in Europe. It comes with the ability to download one city map from a pre-defined list of cities in the United States, Western Europe and Canada. A full set of maps are available for purchase at [www.tomtom.com/gpsnavigation](http://www.tomtom.com/gpsnavigation). For customers in other parts of the world, GPS navigation application and maps are available for purchase at [www.hp.com/go/gpsnavigation](http://www.hp.com/go/gpsnavigation).

### Standard Features

#### Models

**HP iPAQ hw6515 Mobile Messenger – 64 MB ROM, 64 MB SDRAM, GSM/GPRS/EDGE, Bluetooth, GPS, with camera**

*FA385A#AB0 – Taiwan – Traditional Chinese*

*FA385A#AB2 – Simplified Chinese*

*FA385A#AB5 – Hong Kong – Traditional Chinese*

*FA385A#ABD – Germany*

*FA385A#ABF – France*

*FA385A#ABZ – Italy*

*FA385A#ABE – Spain*

**HP iPAQ hw6515a Mobile Messenger – 64 MB ROM, 64 MB SDRAM, GSM/GPRS/EDGE, Bluetooth, GPS, with camera**

*FA637A#ABA – Cingular US Retail – English (Cingular 64004)*

*FA639A#ABA – Cingular/ HP Commercial US – English*

**HP iPAQ hw6515b Mobile Messenger – 64 MB ROM, 64 MB SDRAM, GSM/GPRS/EDGE, Bluetooth, GPS, with camera**

*FA641A#ABA – Canada – English*

**HP iPAQ hw6515c Mobile Messenger – 64 MB ROM, 64 MB SDRAM, GSM/GPRS/EDGE, Bluetooth, GPS, with camera**

*FA385A#ABU – United Kingdom & Ireland*

**HP iPAQ hw6515d Mobile Messenger – 64 MB ROM, 64 MB SDRAM, GSM/GPRS/EDGE, Bluetooth, GPS, with camera**

*FA385A#ABB – Euro English*

**HP iPAQ hw6515e Mobile Messenger – 64 MB ROM, 64 MB SDRAM, GSM/GPRS/EDGE, Bluetooth, GPS, with camera**

*FA385A#UUF – Asia Pacific English*

**HP iPAQ hw6515f Mobile Messenger – 64 MB ROM, 64 MB SDRAM, GSM/GPRS/EDGE, Bluetooth, GPS, with camera**

*FA385A#ABG – Australia, New Zealand*

**HP iPAQ hw6515e Mobile Messenger – 64 MB ROM, 64 MB SDRAM, GSM/GPRS/EDGE, Bluetooth, GPS, with camera**

*FA385A#ARE – Malaysia English*

**HP iPAQ hw6515g Mobile Messenger – 64 MB ROM, 64 MB SDRAM, GSM/GPRS/EDGE, Bluetooth, GPS, with camera**

*FA385A#ABC – Canada French*

---

**HP iPAQ hw6510 Mobile Messenger – 64 MB ROM, 64 MB SDRAM, GSM/GPRS/EDGE, Bluetooth, GPS, no camera**

*FA384A#ABD – Germany*

*FA384A#ABF – France*

*FA384A#ABZ – Italy*

*FA384A#ABE – Spain*

**HP iPAQ hw6510a Mobile Messenger – 64 MB ROM, 64 MB SDRAM, GSM/GPRS/EDGE, Bluetooth, GPS, no camera**

*FA636A#ABA – Cingular/US Retail – English (Cingular 64003)*

**HP iPAQ hw6510a Mobile Messenger – 64 MB ROM, 64 MB SDRAM, GSM/GPRS/EDGE, Bluetooth, GPS, no camera**

*FA638A#ABA – Cingular/HP Commercial US – English*

### Standard Features

HP iPAQ hw6510b Mobile Messenger – 64 MB ROM, 64 MB SDRAM, GSM/GPRS/EDGE, Bluetooth, GPS, no camera  
FA640A#ABA – Canada – English

HP iPAQ hw6510c Mobile Messenger – 64 MB ROM, 64 MB SDRAM, GSM/GPRS/EDGE, Bluetooth, GPS, no camera  
FA384A#ABU – United Kingdom & Ireland

HP iPAQ hw6510d Mobile Messenger – 64 MB ROM, 64 MB SDRAM, GSM/GPRS/EDGE, Bluetooth, GPS, no camera  
FA384A#ABB – Euro English

HP iPAQ hw6510g Mobile Messenger – 64 MB ROM, 64 MB SDRAM, GSM/GPRS/EDGE, Bluetooth, GPS, no camera  
FA384A#ABC – Canada French

---

**Processor** Intel® PXA272 Processor 312 MHz

**NOTE:** Intel's processor numbering is not a measurement of higher performance.

---

**Memory** **User Available Memory** 128 MB total memory (64 MB ROM and 64 MB SDRAM)  
Up to 55 MB user available memory that includes 12 MB iPAQ File Store

---

**Display**

<b>Type</b>	Transflective TFT QVGA color with LED backlight with power save mode
<b>Number of Colors</b>	64K color (65,536 colors) 16-bit
<b>Touch Screen</b>	Yes
<b>Resolution (W x H)</b>	240 x 240 pixels
<b>Dot Pitch</b>	0.24 mm
<b>Viewable Image Size</b>	3.0 in (75 mm) diagonal

---

**GPS Receiver** Integrated high sensitivity GPS receiver with HP iPAQ Quick GPS Connection Utility. Quick GPS Connection is a software application residing on the device that enables a faster connection time for enhanced GPS performance.

- GPS Navigation software is included with HP iPAQ hw6500 models sold in Europe. It comes with the ability to download one city map from a pre-defined list of cities in the United States, Western Europe and Canada. A full set of maps are available for purchase at [www.tomtom.com/gpsnavigation](http://www.tomtom.com/gpsnavigation).
- For customers in other parts of the world, GPS navigation application and maps are available for purchase at [www.hp.com/go/gpsnavigation](http://www.hp.com/go/gpsnavigation).

**NOTE:** While the GPS radio on your device is able to connect to the GPS satellites without enabling the Quick GPS Connection, it may take a few minutes longer and even up to five minutes to locate the satellites without using the Quick GPS Connection. The user is required to enable Quick GPS Connection updates.

### Standard Features

Photosmart Camera (on select models)	Resolution	SXGA 1.3 Mega pixels
	Image Quality	1280 x 1024 pixels
	File Format Supported	JPEG and 3GP
Hardware Buttons/ Reset Buttons	Power, soft reset, 5-way navigation joystick, Contacts and Messaging (both are programmable keys), send/end, volume control, camera capture/voice record, and QWERTY keyboard with LED backlit keys.	
Stylus	One – Included in the box	
Audio	Integrated microphone, receiver, speaker and one 2.5 mm stereo headphone jack, MP3 stereo (through headphone jack)	
Indicators	LED 1 - Charge and Notify	Flashing Green LED - within GSM coverage area Flashing Amber LED - event notification / alarm Solid Amber LED - battery charging (Charger connected) Solid Green LED - battery fully charged (Charger connected) Flashing Red LED - low battery warning
	LED 2 – Bluetooth Phone Notification	Flashing Blue LED - Bluetooth radio ON Vibrate Audible Visual message on the display
Cradle Interfaces	Connector	1 - 22 pin connector for synchronization and charging
Other Interfaces	IrDA (SIR)	
	USB 1.1 Client	– supported via HP standard 22-pin cradle interface
	Serial RS232	– supported via HP standard 22 pin cable interface (cable must be purchased separately)
	<b>NOTE:</b> Some HP authorized options may not be supported. See <a href="http://www.hp.com/go/ipaqaccessories">http://www.hp.com/go/ipaqaccessories</a> .	
SD Slot	Support 1-bit SDIO and 4-bit SD/MMC type memory standard	
Mini SD Slot	Support 1-bit and 4-bit SD/MMC type memory standard	

### Standard Features

<b>Power Supply</b>	<b>Battery</b>	Removable/rechargeable 1200 mAh Lithium-Ion (user changeable). Optional extended 1800 mAh Lithium-Ion battery available for purchase ( <a href="http://www.hp.com/go/ipaqaccessories">http://www.hp.com/go/ipaqaccessories</a> ).		
	<b>Battery Performance</b>	Talk time: up to 4 hours Standby time: up to 7 days		
	<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 internal wireless capabilities, GPS, and backlight will significantly decrease battery run time.			
	<b>AC Power</b>	AC Input: 100~240 Vac, 50/60 Hz, AC Input current: 0.3 Aac max Output Voltage: 5Vdc (typical), Output Current: 2A (typical)		
	<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, GPS and backlight will significantly decrease battery run time.			
<b>AC Adapter</b>	<b>Dimensions (H x W x D)</b>	3 x 1.9 x 1.8 in (76 x 48 x 44 mm - including prongs), (may vary by model)		
	<b>Cord Length (approx.)</b>	6 ft (1.83 m)		
	<b>Power Supply Ratings</b>	<b>Voltage Range</b>	100 to 240 V Switching	
		<b>Input Current</b>	0.3 Aac	
		<b>Input Frequency</b>	50 to 60 Hz	
		<b>Output Voltage</b>	5 VDC	
		<b>Output Current</b>	2 Amp	
<b>System Unit</b>	<b>Dimensions (H x W x D)</b>	4.65 x 2.8 x 0.71 in (118 x 71 x 18mm) <b>NOTE:</b> Not including the additional 0.12 in (3mm) in depth for the navigation joystick)		
	<b>Weight</b>	5.8 oz (165 g)		
	<b>Operating Temperature</b>	32° to 104° F (0° to 40° C)		
	<b>Storage Temperature</b>	-4° to 140° F (-20° to 60° C)		
	<b>Operating Humidity</b>	90% RH		
	<b>Regulatory Marks</b>	<b>Electrical</b>	FCC Class B, UL or CSA NRTL, CE	
		<b>Safety</b>	C-UL, NOM	
<b>Design Features</b>	3 programmable application quick-launch buttons, 5-way navigation joystick, touch-sensitive display for stylus or fingertip, camera capture/voice record button, microphone and speaker			
<b>Operating System</b>	Microsoft® Windows Mobile™ 2003 Second Edition software - Phone Edition Pocket versions of Microsoft software are included (Outlook, Word, Excel and Internet Explorer for Pocket PC)			

### Standard Features

<b>Operating System Applications</b>	Powered by Microsoft® Windows Mobile™ 2003 Second Edition - Phone Edition; Calendar, Contacts, Tasks, Voice Recorder, Notes, Pocket Word (with Spellchecker), Pocket Excel, Pocket Internet Explorer, Windows Media Player 10 (MP3, audio and video streaming), Calculator, Solitaire, Jawbreaker, Inbox (with Spell Checker for email), File Explorer, Terminal Services Client, VPN Client, Infrared Beaming, Clock, Align Screen, Memory, Volume control.
<b>In the box</b>	HP iPAQ hw6500 Mobile Messenger, lithium-Ion 1200 mAh removable/rechargeable battery, removable flip cover, stereo earbud style headset with 2.5mm jack, AC adapter, charger adapter, USB desktop synchronization cradle, stylus, belt case, Getting Started Guide, How Do I...? Guide and HP iPAQ Pocket PC Companion CD.
<b>Additional Software and Links</b>	Outlook 2002, Microsoft ActiveSync 3.8 (Desktop device synchronization) and links to Microsoft websites for additional downloadable applications <b>NOTE:</b> Some programs may require purchase of additional desktop software to utilize Pocket PC versions.
<b>Service and Support</b>	One-year parts and labor in most regions; 90 days technical support for software in most regions. Additional offers may vary by region.
<b>HP Exclusive Applications</b>	<ul style="list-style-type: none"><li>• GSM/GPRS Settings Manager to automatically configure your device for operator network</li><li>• GPS Navigation software is included with HP iPAQ hw6500 models sold in Europe. It comes with the ability to download one city map from a pre-defined list of cities in the United States, Western Europe and Canada. A full set of maps are available for purchase at <a href="http://www.tomtom.com/gpsnavigation">www.tomtom.com/gpsnavigation</a>. For customers in other parts of the world, GPS navigation application and maps are available for purchase at <a href="http://www.hp.com/go/gpsnavigation">www.hp.com/go/gpsnavigation</a>.</li><li>• HP Photosmart Camera: application to take digital photographs with the integrated cameras (certain models)</li><li>• HP Image Zone for Pocket PC: view images and create slide shows</li><li>• iPAQ Wireless: manage your wireless connections</li><li>• HP Profiles: set and name profiles to be used at different times for different functions, such as ring type, volume, brightness and wireless settings</li><li>• MMS Composer</li><li>• Bluetooth Manager: manage your Bluetooth connections and settings</li><li>• iPAQ File Store: non-volatile storage in flash ROM</li><li>• iPAQ Backup: backup and restore your data to main memory, memory card or iPAQ file store</li><li>• Pocket Panel Lite: one touch access from Today Screen to device status; battery, memory, file Explorer, backlight settings</li><li>• Utilities: Self Test, iPAQ Audio, Power Status</li><li>• How Do I...? Guide</li></ul>

### Standard Features

#### Companion CD from HP

##### Applications

#### Full Versions

GPS Map Download for European models only. User can choose one city map to download. A full set of maps is available for purchase.  
ClearVUE Suite (Word and Excel)

HP Image Transfer: application to transfer digital photographs from the iPAQ to your personal computer

HP iPAQ Quick GPS Connection Utility (for PC)

HP Wireless Modem Application

##### CD Links

Handango  
Microsoft Games  
AvantGo

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

##### Technology

EDGE (Enhanced Data for Global Evolution)  
Global voice and data wireless network  
(GSM - Global System for Mobile Communications / GPRS - General Packet Radio Services)

##### Operation

Quad band GSM/GPRS / EDGE (GSM 850/900/1800/1900 MHz)

##### Power class

Class 5 (0.8W & 2W @ 850 MHz)  
Class 4 (2W @ 900 MHz)  
Class 1 (1W @ 1800/1900 MHz)  
GSM 850 8-PSK Class E2  
GSM 1900 8-PSK Class E2

##### EDGE features

EDGE Class 10  
Support for E-GPRS coding schemes MCS1 to MCS9 in both the uplink and downlink

##### GPRS data features

Class B GPRS Multi slot Class 10  
Coding Schemes: CS1 to CS4  
Network Mode 1-4

##### GSM voice 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

##### Circuit Switched Data<sup>5</sup>

Normal Single Slot GSM Circuit Switched Data @ 9.6 Kbps Transparent and Non-Transparent Data  
High Speed Circuit Switched Data (HSCSD) multi-slot GSM data calls of maximum uplink / downlink speeds of 43.2Kbps / 14.4Kbps or 28.8Kbps / 28.8Kbps

##### Supplementary Services Supported

Call forwarding, Call barring  
Multiparty,  
Calling Line Identity  
Call Waiting and Call Hold

### Standard Features

<b>Unstructured Supplementary Service Data</b>	USSD Phase 2 (MO & MT)
<b>Encryption</b>	GEA1
<b>Authentication</b>	Password Authentication Protocol (PAP) or Challenge Authentication Protocol (CHAP)
<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>	3V SIM standards, Phase 1, 2, 2+, CPHS SIM Toolkit
<b>Ring Tones file formats</b>	MIDI Type 0, WMA, WAV
<b>Regulatory</b>	Compliant with ETSI GSM Phase 2+ standard
<b>Carrier certification</b>	See <a href="http://www.hp.com">www.hp.com</a> (search for iPAQ h6000 certifications)
<b>Agency certification</b>	UL, FCC, Industry Canada, CE, IDA, C-Tick

### Bluetooth® Specifications<sup>1</sup>

<b>Technology</b>	High-speed, low-power, short-range wireless communication with other Bluetooth devices
<b>Bluetooth specification</b>	1.2 compliant (2.4-GHz Industrial Scientific Medical Band)
<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>	3.3V 5% Peak current – typical TX current at approximately 30 mA – typical RX current at approximately 50 mA
<b>Profile Support</b>	General Access Profile Service Discovery Application Profile Serial Port Profile Generic Object Exchange Profile File Transfer Profile Dial-Up Networking Profile LAN Access Profile Object Push Profile Personal Area Networking Profile Basic Printing Profile Hard Copy Replacement Profile (printing) Headset Profile Handsfree Profile Advanced Audio Distribution Profile Audio/Visual Remote Control Profile

### Standard Features

#### Usage Models

##### Service Discovery

Determine what Bluetooth devices are within range and support authorization

##### 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

Wireless link to WAN thru Bluetooth enabled notebook or other access device<sup>2</sup>

Agnostic to WAN technology

Send/receive SMS messages

##### LAN Access

Wireless link to Corporate LAN using Bluetooth and appropriate Bluetooth access point<sup>1</sup>

Corporate email, network neighborhood, access to LAN applications, file transfer, ftp, Internet browsing, etc, using TCP/IP<sup>1</sup>

Access the Internet by connecting to your desktop or notebook over Bluetooth and using its network connection<sup>1</sup>

##### Generic Object Exchange and Object Push

Exchange business cards, tasks, documents, appointments and more<sup>1</sup>

##### Personal Area Networking

Collaborate, chat, play games, exchange data<sup>1</sup>

Adhoc peer to peer networking<sup>1</sup>

##### Basic Printing and Hard Copy Replacement Profiles

Print to any HP Bluetooth enabled printer without the need for cables or specific print drivers

#### 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

#### 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:

<sup>1</sup> A standard GSM/GPRS infrastructure, other Bluetooth-enabled devices, separately purchased equipment, and a service contract with a wireless airtime provider may be required for applicable wireless communication. GSM/GPRS 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. GPRS may not be available in all networks. GPRS data transmission speeds may vary based upon network capabilities and other conditions. Establishment and continuation of a GPRS connection depends on network availability, provider support and signal strength.

### 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	1200 mAh Lithium Ion Standard Battery	FA404A#AC3
	1800 mAh Lithium Ion Extended Battery	FA405A#AC3
	Automobile Adapter	FA125A#AC3
	Charger Adapter	FA133A#AC3
	AC Adapter	FA372A#AC3
Synchronization	Desktop Cradle	FA260A#AC3
	AutoSync Cable (USB and Serial)	FA122A#AC3
Input Devices	Stylus Three-pack	FA261A#AC3
	Foldable Keyboard	FA118A#xxx
	iPAQ Bluetooth Folding keyboard	FA287A#AC3
Headphones	Bluetooth Stereo Headphones	FA303A#AC3
Cases	Leather Belt Case	FA160A#AC3
	Premier Leather Belt Case	FA350A#AC3
	Nylon Slimline Case	FA161A#AC3
	Custom Cases: to view and order go to: <a href="http://www.casesonline.com">http://www.casesonline.com</a> .	

### Options

#### NOTES:

<sup>1</sup> A standard GSM/GPRS infrastructure, other Bluetooth-enabled devices, separately purchased equipment, and a service contract with a wireless airtime provider may be required for applicable wireless communication. GSM/GPRS 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. GPRS may not be available in all networks. GPRS data transmission speeds may vary based upon network capabilities and other conditions. Establishment and continuation of a GPRS 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.

<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 the connection and reduce time slots at its discretion if the network is congested. These actions may cause lower total data rate than requested.

<sup>5</sup> GPS Navigation software is included with HP iPAQ hw6500 models sold in Europe. It comes with the ability to download one city map from a pre-defined list of cities in the United States, Western Europe and Canada. A full set of maps are available for purchase at [www.tomtom.com/gpsnavigation](http://www.tomtom.com/gpsnavigation). For customers in other parts of the world, GPS navigation application and maps are available for purchase at [www.hp.com/go/gpsnavigation](http://www.hp.com/go/gpsnavigation).

### HP iPAQ Mobile Messenger is a Windows Mobile™-based Pocket PC

For more information on HP iPAQ Pocket PC, visit our website at <http://www.hp.com/go/iPAQ>

©Copyright 2006 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. Microsoft, Windows, and the Windows Logo are U.S. registered trademarks of Microsoft Corporation. Intel and the Intel inside logo are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the U.S. and other countries.