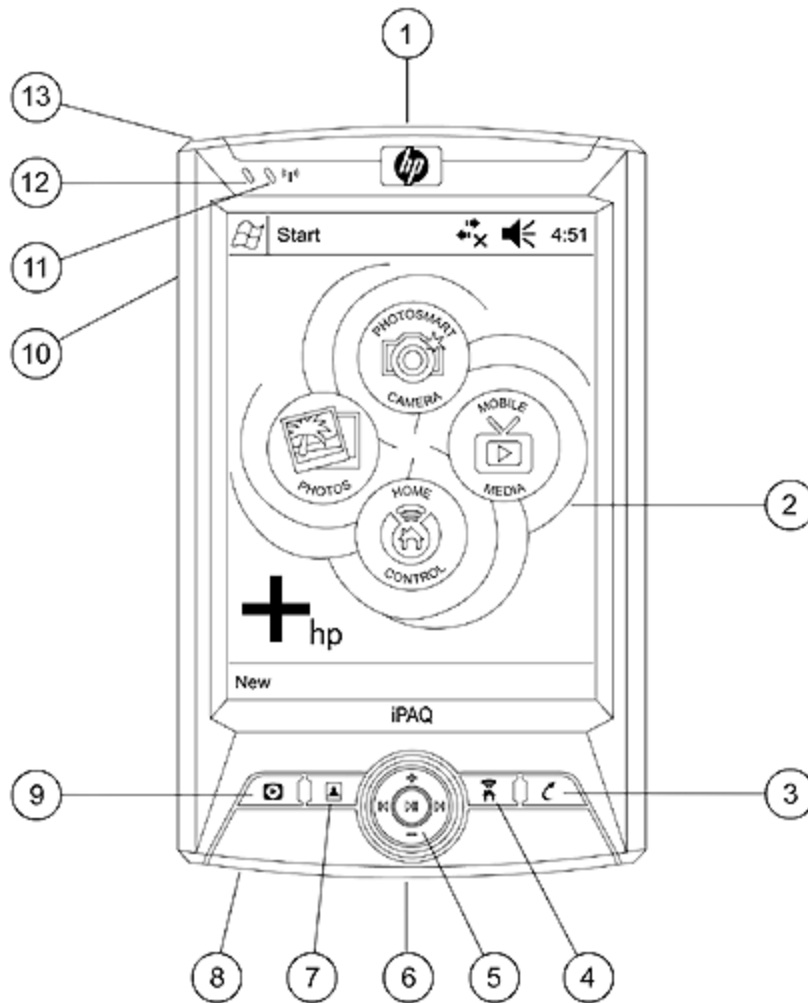
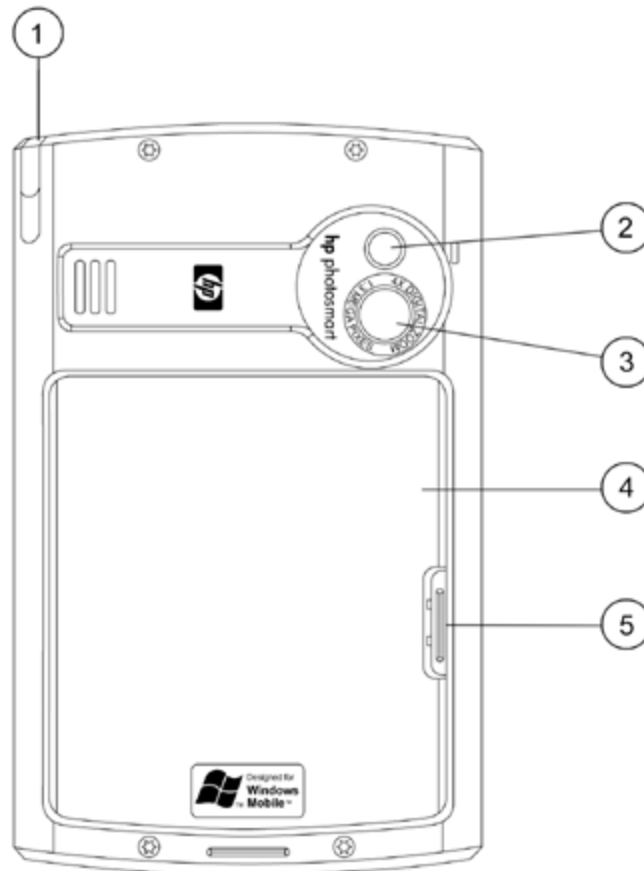


### Overview



1. SDIO Expansion Slot
2. QVGA Color Display
3. iTask Shortcut
4. Universal Remote Shortcut
5. 5-Way Navigation Controller Touchpad
6. Universal Connector
7. HP Image Zone Shortcut
8. Soft Reset Button
9. iPAQ Mobile Media Shortcut
10. HP Photosmart Camera Shortcut/Image Capture Button
11. Wireless LED indicator
12. Charge/Notification LED indicator
13. Headphone Jack

### Overview



1. Stylus
2. Self-Portrait Mirror
3. Digital Camera Lens
4. Battery Cover
5. Battery Cover Release Latch

### At A Glance

- Browse and play your music, photos, and video collections over Wi-Fi from anywhere in your home
- Capture quality photos and video with the integrated 1.2 mega pixel Photosmart camera
- Play MP3 and WMA music
- Watch WMV, MPEG1, AVI, videos and movies
- Integrated Universal Remote Control
- Integrated Wi-Fi 802.11b<sup>1</sup>
- Integrated Bluetooth<sup>®</sup><sup>1</sup> wireless technology
- Integrated SD expansion slot
- Dazzling Transflective QVGA TFT color display
- Microsoft<sup>®</sup> Windows Mobile™ 2003 Second Edition software for Pocket PC

**NOTE:** <sup>1</sup> A standard WLAN infrastructure, 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 use requires a separately purchased service contract. Check with service provider for availability and coverage in your area. Not all web content available.

### Standard Features

#### Models

##### HP iPAQ rx3415 – 56-MB user available memory, 64-MB WLAN and Bluetooth

FA280A#ABA – U.S., Canada, Latin America

FA280A#ABC – French Canadian

FA280A#B16 – Latin American Spanish

FA280A#AC4 – Brazilian Portuguese

FA280A#AC8 – Argentina

##### HP iPAQ rx3417 – 88-MB user available memory, WLAN, and Bluetooth

FA280A#ABG – Australia., New Zealand

FA280A#UUF – Asia Pacific English

FA280A#ARE – Malaysia

FA280A#ABO – Taiwan – Traditional Chinese

FA280A#AB5 – Hong Kong – Traditional Chinese

<b>Processor</b>	Samsung S3C 2440 processor	
<b>Memory</b>	<b>User Available Memory</b>	<p>56 MB user available memory – includes 4 MB iPAQ File Store (model rx3415)</p> <p>77 MB user available memory – includes 21 MB iPAQ File Store (model rx3417, Asian languages)</p> <p>92 MB user available memory – includes 36 MB of iPAQ File Store (model rx3417, non-Asian languages)</p>
<b>Display</b>	<b>Type</b>	Transflective type QVGA TFT
	<b>Modes</b>	Portrait and Landscape
	<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 320
	<b>Size</b>	3.5 in (89 mm)
<b>Photosmart Camera</b>	<b>Resolution</b>	1.2 Mega pixels
	<b>Image Quality</b>	1280 x 960 pixels
	<b>Digital Zoom</b>	4x
	<b>Minimum Illumination</b>	5 lux
	<b>File Format for captured images</b>	JPEG
	<b>Video Recording</b>	MotionJPEG
	<b>Video Playback</b>	MotionJPEG, and MPEG1
	<b>Special Features</b>	Self-portrait mirror
<b>Hardware Buttons/Reset Buttons</b>	One power button, one reset button, four software programmable application buttons, one 5-way navigation controller touchpad, one voice record/image capture button.	
<b>Stylus</b>	One	

### Standard Features

<b>Audio</b>	Integrated microphone, speaker and one 3.5 mm stereo headphone jack, MP3 stereo through headphone jack	
<b>Indicators</b>	<b>Charge and Notify</b>	Blinking green – notification Blinking amber – charging Solid amber – full charge
	<b>Bluetooth and WLAN</b>	Solid blue LED – radio ON
<b>Cradle Interfaces</b>	<b>Universal Connector</b>	1 – 22 pin connector for synchronization and charging
<b>Other interfaces</b>	<b>IrDA</b>	Supported (Serial IR/Consumer IR)
	<b>USB Client</b>	Supported via cradle interface
	<b>Serial</b>	RS232 supported via cradle interface
	<b>Sync/Data Connector</b>	USB 1.1 client
<b>SD Slot</b>	Support 4-bit SDIO and 4-bit SD/MMC type memory standard. SDIO Now! driver included.	
<b>Power Supply</b>	<b>Battery</b>	Removable/Rechargeable 920 mAh Lithium-Ion user replaceable battery. Optional extended 1440 and 2880 mAh Lithium-Ion batteries available for purchase ( <a href="http://www.hp.com/go/ipaqaccessories">http://www.hp.com/go/ipaqaccessories</a> ) Estimated usage time of fully charged battery is up to 9 hours. Charging time up to 1.5 hours.
	<b>AC Power</b>	AC Input: 100~240 Vac, 50/60 Hz, AC Input current: 0.2 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 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>	4.5 x 2.8 x 0.64 in (114.3 x 71.2 x 16.3 mm)
	<b>Weight</b>	147.4g (including the 920mAH battery and stylus)
	<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>	Electrical FCC Class B, UL or CSA NRTL Safety C-UL, NOM
<b>Ergonomic Design Features</b>	4 programmable application launch buttons – defaults: iPAQ Mobile Media, HP Image Zone, Nevo Universal Remote and iTask	

### Standard Features

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<b>Operating System</b>	Microsoft® Windows Mobile™ 2003 Second Edition software for Pocket PC (Professional Edition) Pocket versions of Microsoft software are included (Outlook, Word, Excel and Internet Explorer for Pocket PC)
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<b>Operating System Applications</b>	Powered by Microsoft® Windows Mobile™ 2003 Second Edition for Pocket PC 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, Messaging (with Spell Checker for email), File Explorer, Terminal Services Client, Infrared Beaming, Clock, Align Screen, Memory, Volume control, ClearType Tuner (except for Asian languages), MSN Messenger, Pocket MSN
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<b>In-the box</b>	HP iPAQ rx3400 series mobile media companion, AC adapter, USB Sync cable, Carrying case, Stylus, Stereo Headphones, Getting Started Guide, Special Features Guide, "How Do I..." Guide, HP iPAQ Companion CD, HP Image Zone 3.5 for the desktop on CD
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<b>Service and Support</b>	90 days parts and labor in U.S. and Canada; one-year parts and labor in other regions; 90 days technical support for software in most regions. Additional offers may vary by region.
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<b>HP Exclusive Applications</b>	Experience HP iPAQ: short demonstration of the capabilities of the HP iPAQ rx3400 series Mobile Media Companion iPAQ Wireless: utility to manage wireless connections Bluetooth Manager HP Photosmart camera HP Mobile Print Engine iPAQ Entertainment: custom Today Screen plug-in with shortcuts to digital imaging and entertainment applications iPAQ Mobile Media Nevo Universal Remote Pocket TV Pro iPAQ File Store: non-volatile storage in flash memory iPAQ Backup: utility for Backup/Restore to Main Memory, Memory Card or iPAQ File Store HP Image Zone3.5 for iPAQ: application to view, edit, share and print images Illum Dockware Personal Edition: photo screen saver iTask How Do I...? Guide: frequently asked setup and usage questions and answers Utilities: Self Test, iPAQ Audio, Power Status
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### Standard Features

Companion CD from HP

#### APPLICATIONS

##### Full Versions

Outlook 2002  
Nevoware server  
Nevoware renderer  
Nevo backup  
HP Image Zone for desktops  
HP Image Transfer: application to transfer digital photographs from the iPAQ to your personal computer  
Experience HP iPAQ Adobe Acrobat Reader for PC  
PDF Viewer for Pocket PC  
Active Sync 3.7.1  
HP Mobile Printing

##### Trial Versions

Vindigo  
Illum ListPro

#### CD LINKS

##### Full Versions

Audible Player  
HP Handheld Software Store  
iPAQ Backup upgrade  
Avant Go  
Windows Media Player Desktop  
Microsoft Games

##### Trial Versions

##### Additional Documentation

Safety and Comfort Guide

User's Guide

Accessory Brochure

**NOTE:** Programs could vary based on model. Some programs are accessed through CD links to download web sites.

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### Standard Features

<b>WLAN Specifications<sup>1,2</sup></b>		Wireless access to the Internet, email and corporate data
<b>Technology</b>		
<b>RF Network Standard</b>		IEEE 802 Part 11b (802.11b)
<b>Frequency Band</b>		2,4000 to 2.4835 GHz 2,4465 to 2.4835 GHz (France) 2,4000 to 2,497 GHz (Japan)
<b>Antenna type</b>		Embedded Antenna
<b>Security</b>		WEP 64/128-bit compliant to IEEE 802.11 Compliant to 802.1X (EAP-TLS, PEAP) WPA
<b>Network Architecture Models</b>		Ad-hoc (Peer to Peer) Infrastructure (Access Points Required)
<b>Modulation Technique</b>		Direct Sequence Spread Spectrum
<b>Modulation Schemes</b>		DBPSK, DQPSK, CCK
<b>Receiver Sensitivity - Packet Error Rate (8E-2)</b>		11 Mbps: < -80 dBm 5.5 Mbps: < -82 dBm 2 Mbps: < -86 dBm 1 Mbps: < -89 dBm
<b>Maximum Receive Level</b>		-10dBm (1/2/5.5/11 Mbps)
<b>Output Power (approximately)</b>		15 dBm
<b>Power Management</b>		Radio On/Off control through Microsoft Connection icon, (need to verify) Power Save mode available in Power Settings
<b>Power Consumption</b>		Transfer mode: < 300 mA, average Receive mode: < 200 mA, average
<b>Power Saving Option</b>		802.11 Compliant Power Saving, idle mode 20 mA
<b>Media Access Protocol</b>		CSMA/CA (Collision Avoidance) with ACK
<b>Protocols Supported</b>		TCP/IP IPX/SPX UDP
<b>Operating Distance</b>		Up to 1000 feet – Open sight
<b>Certifications</b>		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:

<sup>1</sup> A standard WLAN infrastructure, other Bluetooth-enabled devices, separately purchased equipment, 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.

<sup>2</sup> 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

<b>Bluetooth Specifications<sup>1</sup></b>	<b>Technology</b>	High-speed, low-power, short-range
	<b>Bluetooth specification</b>	1.1 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 140 mA
	<b>Receiver sensitivity</b>	-78 dBm or greater
	<b>Regulatory standards</b>	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
	<b>Profile Support</b>	General Access Profile Service Discovery 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
	<b>Usage Models</b>	<b>Service Discovery</b> Determine what Bluetooth devices are within range and support authorization <b>File Transfer</b> File and directory browsing and navigation on another Bluetooth device. File copying Object manipulation – including add, delete, create new folders etc. <b>Serial Port</b> Synchronization between PDAs and PCs using Activesync Printing to Bluetooth-enabled printer without the need for cables <b>Dial Up Networking</b> Wireless link to WAN thru Bluetooth enabled cell phone <sup>1</sup> Agnostic to WAN technology Send/receive SMS messages <b>LAN Access</b> Wireless link to Corporate LAN using Bluetooth and appropriate Bluetooth access point <sup>1</sup> Access the Internet by connecting to your desktop or notebook over Bluetooth and using its network connection <sup>1</sup> <b>Generic Object Exchange and Object Push</b> Exchange business cards, tasks, documents, appointments and more <sup>1</sup> <b>Personal Area Networking</b> Collaborate, chat, play games, exchange data <sup>1</sup> Adhoc peer to peer networking <sup>1</sup> <b>Basic Printing Profile</b> Print to any HP Bluetooth-enabled printer without the need for cables or specific print drivers
	<b>Certifications</b>	All necessary regulatory approvals for countries we support including: Bluetooth logo (FCC (47 CFR) Part 15C, Section 15.247&15.249 ETS 300 328, ETS 300 826 Low Voltage Directive IEC950 UL and CE Mark

**NOTE:** <sup>1</sup> A standard Bluetooth wireless infrastructure and/or other devices enabled with Bluetooth may be required for applicable wireless communication.



### Options

**NOTE:** \*Wireless cards and options are available at additional costs.

<b>Memory/Storage*</b>	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	FA823A#AC3
<b>Power</b>	1440 mAh Lithium Ion Rechargeable Battery	FA285A#AC3
	2880 mAh Lithium Ion Extended Battery	FA286A#AC3
	Auto Adapter	FA125A#AC3
	Charger Adapter	FA133A#AC3
	AC Adapters	FA130A#xxx
<b>Synchronization</b>	USB Desktop Cradle/Charger	FA260A#xxx
	AutoSync Cable (USB and Serial)	FA122A#AC3
<b>Other</b>	Stylus Three-pack	FA261A#AC3
	iPAQ Navigation System – (U.S. & Canada only)	FA196A#ABA
	Wireless Bluetooth Foldable Keyboard	FA287A#AC3
	Foldable Keyboard	FA118A#xxx
<b>Cases</b>	Nylon Case	FA161A#AC3
	Leather Belt Case	FA160A#AC3
	Custom Cases: To view and place an order: <a href="http://www.ecases.com">http://www.ecases.com</a>	



## HP iPAQ Mobile Media Companion 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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