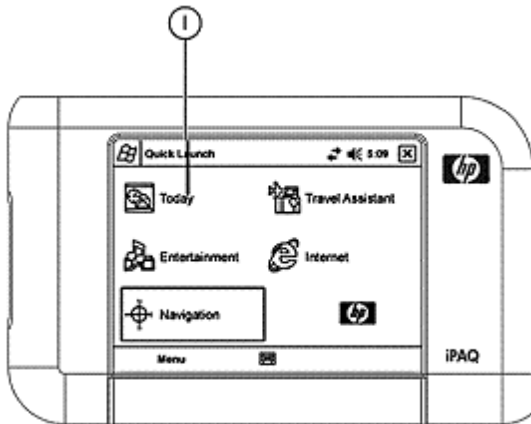
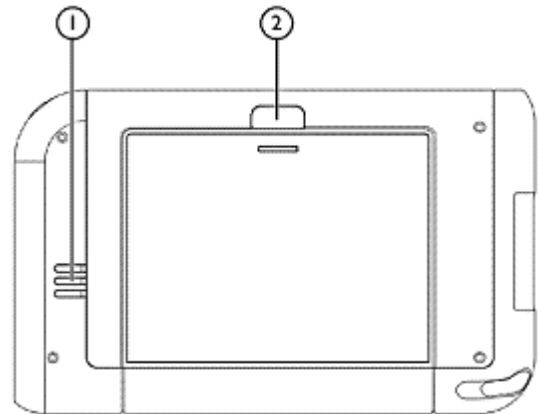


Overview



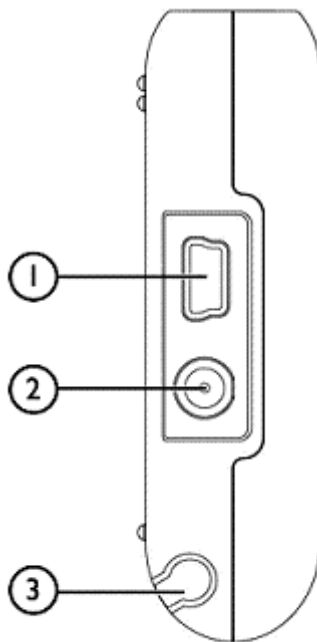
Front Image

1. Screen



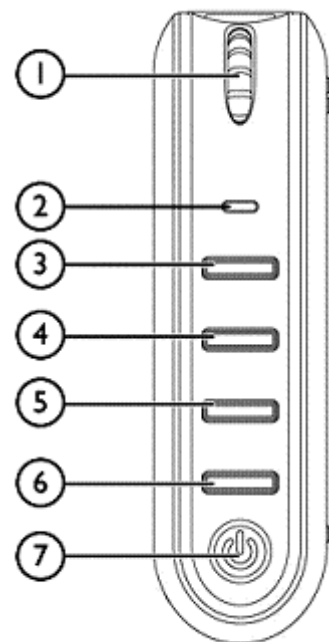
Back Image

1. Speaker
2. Battery Cover



Left Side

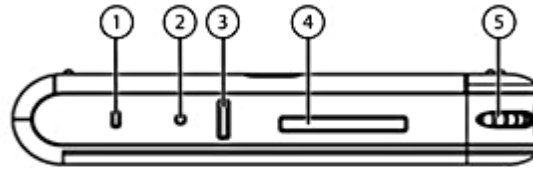
1. Mini-USB Connector
2. Headphone Connector
3. Stylus



Right Side

1. Scroll Wheel
2. Microphone
3. OK Button
4. Messaging Button
5. Windows Media Player Button
6. Rotate Screen Button
7. Power Button

Overview



Top

1. Wireless LED
2. Rest Button
3. Record Button
4. Secure Digital (SD/SDIO) Slot
5. Scroll Wheel

At A Glance

- Integrated WLAN (802.11b/g)¹
- Integrated Bluetooth® v2.0 + EDR wireless technology
- Samsung® 400 MHz Processor
- Integrated Secure Digital (SD/SDIO) expansion slot
- Integrated mini-USB charging/communications port
- Removable Lithium-Ion 1200 mAh battery
- 2.8" transmissive QVGA TFT display with 64K colors
- Microsoft® Windows Mobile® version 5.0 software for Pocket PC
- Mobile versions of Microsoft Office software included (Word®, Excel® and PowerPoint®)

NOTES:

¹ 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 access requires separately purchased Internet service contract. Check with service provider for availability and coverage in your area. Not all web content available.

Standard Features

Models

HP iPAQ rx4540 Mobile Media Companion – WLAN, Bluetooth v2.0 +EDR

FA784AA#UUF – Asia Pacific English
FA784AA#ABG – Australia, New Zealand
FA784AA#ARE – Malaysia English
FA784AA#AB0 – Taiwan – Traditional Chinese
FA784AA#AB2 – Simplified Chinese
FA784AA#AB5 – Hong Kong T-Chinese
FA784AA#B16 – LA Spanish
FA784AA#AC8 – Argentina
FA784AA#AC4 – Brazil
FA784AA #AB1 – Korea
FA784AA#ABJ – Japan
FA754AA#ABB – EURO
FA754AA#ABF – France

HP iPAQ rx4240 Mobile Media Companion – WLAN, Bluetooth v2.0 +EDR

FA782AA#UUF – Asia Pacific English
FA782AA#ABG – Australia, New Zealand
FA782AA#ARE – Malaysia English
FA782AA#AB0 – Taiwan – Traditional Chinese
FA782AA#AB2 – Simplified Chinese
FA782AA#AB5 – Hong Kong T-Chinese
FA782AA#B16 – LA Spanish
FA782AA#AC8 – Argentina
FA782AA#AC4 – Brazil
FA782AA#ABJ – Japan
FA782AA#AB1 – Korea
FA782AA#ABB – EURO
FA782AA#ABD – Germany

Processor Samsung® SC32442 400 MHz Processor

Memory **User Available Memory** **rx4200**
128 MB ROM and 64 MB SDRAM
Up to 64 MB user available

rx4500
128 MB ROM, 64 MB SDRAM and 1 GB iPAQ file store
up to 1,088 MB user available

Standard Features

Display	Type	TFT QVGA color with LED backlight with power save mode
	Number of Colors	64K color (65,536 colors) 16-bit
	Touch Screen	Yes
	Resolution (W x H)	240 x 320 pixels
	Dot Pitch	0.180 (H) x 0.180 (V) mm
	Viewable Image Size	2.83 in (72 mm) diagonal
<hr/>		
System Unit	Dimensions (H x W x D)	4.02 x 2.5 x 0.689 in (102 x 63.5 x 17.5 mm)
	Weight	4.48 oz (127 g)
	Operating Temperature	32° to 104° F (0° to 40° C)
	Storage Temperature	-4° to 140° F (-20° to 60° C)
	Operating Humidity	Up to 90% RH
	Regulatory Marks	Environmental: WEEE logo All required regulatory marks for the intended markets
<hr/>		
Hardware Buttons/ Reset Buttons	One power button, one recording button, one soft reset button, four software programmable AP buttons, one 360° scroll wheel	
<hr/>		
Stylus	One – Included in the box	
<hr/>		
Audio	Integrated microphone, speaker and one 3.5 mm stereo headset jack, 5-band equalizer and 3D sound adjustment	
<hr/>		
Indicators	Alarms	Solid amber power button – battery charging Solid green power button – battery fully charged Flashing blue LED – WLAN and/or Bluetooth active Flashing amber power button – event notification
	Notification	Sound and visual message on the display
<hr/>		
Cradle	Optional cradle available for purchase (http://www.hp.com/go/ipaqaccessories).	
<hr/>		
Other Interfaces	USB 2.0 Client – supported via mini-USB connector	
<hr/>		
SD Slot	Supports SD memory and 4-bit SDIO	
<hr/>		

Standard Features

Power	Battery	Removable/rechargeable 1200 mAh Lithium-Ion (user replaceable). Optional additional 1200 mAh Lithium-Ion battery available for purchase (http://www.hp.com/go/ipaqaccessories).
	AC Power	5 W maximum output AC adapter with detachable heads, voltage range 100 to 240 V switching, input current 0.2 A AC maximum, input frequency 50 to 60 Hz, output voltage 5 V DC, output current 1 A
		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.
Operating System	Microsoft® Windows Mobile® version 5.0 software for Pocket PCs Mobile versions of Microsoft Office software include (Word®, Excel® and PowerPoint®)	
Operating System Applications	Powered by Microsoft® Windows Mobile ® version 5.0 – Premium Edition: Calendar, Contacts, Messaging (with Spell Checker for email), Tasks, Voice Recorder, Notes, Word® Mobile (with Spellchecker), Excel® Mobile, PowerPoint® Mobile, Internet Explorer Mobile, Windows Media Player 10 Mobile, Calculator, Solitaire, Jawbreaker, File Explorer, Pictures and Videos, Terminal Services Client, Clock, Align Screen, Memory, Volume.	
In the box	HP iPAQ rx4000 Mobile Media Companion, Lithium-ion 1200 mAh removable battery, AC adapter, USB desktop synchronization cable, clip cover, wired stereo headset (on certain models only), and documentation kit	
Additional Software and Links	Microsoft ActiveSync 4.2 or later (desktop device synchronization) and links to Microsoft websites for additional downloadable applications NOTE: Some programs may require purchase of additional desktop software to utilize Pocket PC versions.	
Service and Support	One-year limited warranty parts and labor; 90 days technical support for software in most regions. Additional offers may vary by region.	
HP Exclusive Applications	<ul style="list-style-type: none">• HP Quick Launch• iPAQ Wireless with Today screen plug-in – manage and control WLAN and Bluetooth• Today PanelLite – one touch access from Today screen to device status: battery, memory, and backlight settings.• HP Photosmart Mobile• HP Help and Support – one location for all help, warranty, and support information.• HP QuickStart Tour – provides information on how to use key features of the HP iPAQ• Utilities: iPAQ Audio, Power Status, Backlight Applet, Certificate Enroller	

Standard Features

Companion CD from HP

Applications	Full Versions ActiveSync 4.2 or higher for PC Application; HP Photosmart Premier for PC Application; Music partner offers (varies by region); Adobe Acrobat Reader for PC Application; HP Setup Assistant PC Application
CD Links	HP Handheld Software Store; HP Web Registration; Accessories Information; iPAQ Software Choice (EMEA); Microsoft Voice Command for Windows Mobile; Pocket MSN for Windows Mobile-based devices

Additional Documentation

Additional Product Information, and HP Important Safety Information

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

Regulatory Compliance Certifications

FCC, UL, CE, IDA, C-Tick, CCC, RTA, NAL., NTC, DGT, SIRIM, PTA, GOST, SASO, SABS, PTB, JTB, WPC, DGPT, CIT, MoC, ICASA, Etisalat, TTA, etc. RoHS, WEEE compliance

Bluetooth Bluetooth logo

WLAN (802.11b/g) Specifications^{1,2}

Technology	High-speed wireless access to the Internet, email and corporate data
RF Network Standard	IEEE 802 Part 11b/g (802.11b/g)
Frequency Band	2.4000 to 2.4835 GHz 2.4465 to 2.4835 GHz (France) 2.4000 to 2.497 GHz (Japan)
Antenna type	Embedded Antenna
Security	WEP 64/128-bit compliant to IEEE 802.11 Compliant to 802.1X (EAP-TLS, PEAP) WPA
Network Architecture Models	Ad-hoc (Peer to Peer) Infrastructure (Access Points Required)
Modulation Technique	Direct Sequence Spread Spectrum
Modulation Schemes	DBPSK, DQPSK, CCK, OFDM
Receiver Sensitivity – Packet Error Rate (8E-2)	54 Mbps: <-60 dBm, PER < 8%, typical 11 Mbps: <-80 dBm, PER < 8%, typical 6 Mbps: <-80 dBm, PER < 8%, typical 1 Mbps: <-85 dBm, PER < 8%, typical
Transmit Output Power	12.5 dBm (typical 802.11g) 15 dBm (typical 802.11b)
Power Consumption	Transmit mode: 1.33 Watts, typical Receive mode: 1.235 Watts, typical
Media Access Protocol Protocols Supported	CSMA/CA (Collision Avoidance) with ACK TCP/IP IPX/SPX UDP

Standard Features

NOTES:

¹ A standard WLAN infrastructure, 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 wireless network service providers for availability and coverage in your area. Not all web content available.

² Wireless access points required and are not included. Availability of public wireless access points limited. Wireless Internet use may require separately purchased Internet service contract.

Bluetooth® Specifications¹

Technology

High-speed, low-power, short-range wireless communication with other Bluetooth devices
 BRCM2045 solution
 USB host interface
 Support for Co-existence between Bluetooth and WLAN
 Class 2/3 support
 Compliance with Bluetooth Specification Version 2.0

- Adaptive Frequency Hopping including master and slave classification
- Faster connection
- Extended SCO-all new packet types
- Synchronization
- LMP improvements
- Quality of Service improvements

Bluetooth transmit inactive (FAA requirement)

Bluetooth® specifications

High-speed, low-power, short-range wireless communication with other Bluetooth devices.

System interface

USB Host 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 30 mA
 – typical RX current at approximately 50 mA

Profile Support

General Access Profile
 Service Discovery Application Profile
 Serial Port Profile
 Generic Object Exchange Profile
 File Transfer Profile
 LAN Access Profile
 Object Push Profile
 Personal Area Networking Profile
 Basic Printing Profile
 Headset Profile
 Handsfree 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 using ActiveSync

LAN Access

Wireless link to Corporate LAN using Bluetooth and appropriate Bluetooth access point¹

- Corporate email, network neighborhood, access to LAN applications, file transfer, ftp, Internet browsing, etc, using TCP/IP¹
- Access the Internet by connecting to your desktop or notebook over Bluetooth and using its network connection¹

Generic Object Exchange and Object Push

Exchange business cards, tasks, documents, appointments and more ¹

Personal Area Networking

Collaborate, chat, play games, exchange data¹

Adhoc peer to peer networking¹

Basic Printing Profile

Print to compatible Bluetooth printers without the need for cables or specific print drivers

NOTE:

¹ 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 access requires separately purchased Internet service contract. Check with service provider for availability and coverage in your area. Not all web content available.

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
	2 GB SD Memory Card	FA848AA#AC3
Power	1200 mAh Lithium Ion Standard Battery	FA828AA#AC3
	Automobile Adapter	FA765AA#AC3
	AC Adapter	FA762AA#AC3
	Travel Kit	FA804AA#AC3
Synchronization	Desktop Cradle	FA766AA#AC3
	USB to mini-USB Sync Cable	FA801AA#AC3
Input Devices	Stylus Three-pack	FA860AA#AC3
	iPAQ Bluetooth Folding Keyboard	FA802AA#AC3
Navigation	GPS Navigation System (US and Canada only)	FA196AA#ABA
Cases	Custom Cases: to view and order go to: http://www.casesonline.com .	

NOTES:

¹ A standard WLAN infrastructure and 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.

For more information on the HP iPAQ Mobile Media Companion series, visit our website at <http://www.hp.com/go/iPAQ>.

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