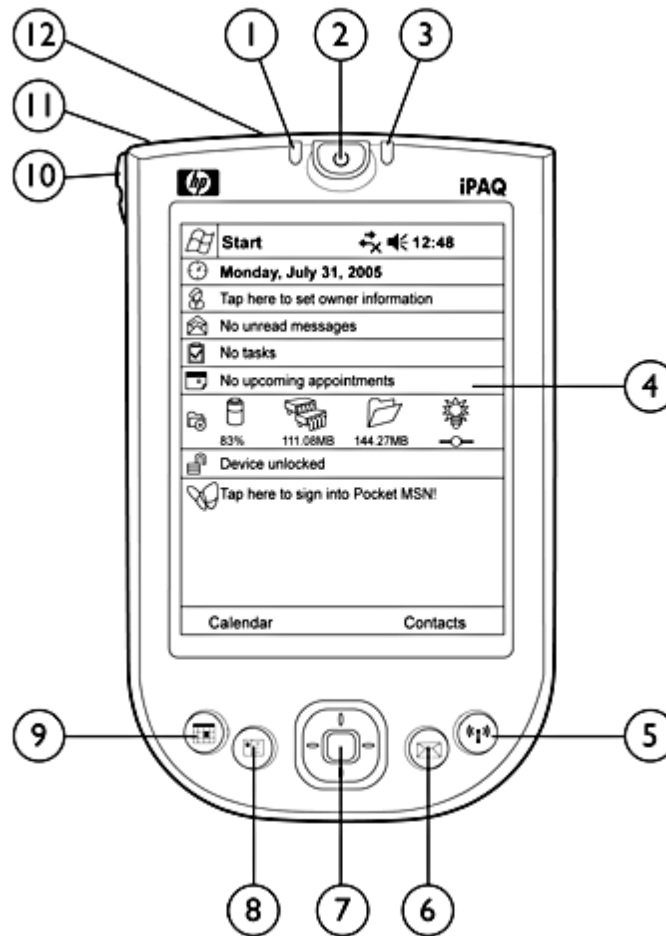


Overview



- | | |
|---------------------------------------|----------------------------------|
| 1. Active WLAN Indicator | 7. 5-Way Navigation Button |
| 2. Power Button | 8. Contacts Button |
| 3. LED Battery/Notification Indicator | 9. Calendar Button |
| 4. Color Display | 10. Record Button |
| 5. iPAQ Wireless Button | 11. 3.5 mm Stereo Headphone Jack |
| 6. Inbox Button | 12. Microphone (top) |

Overview

At A Glance

- Microsoft® Windows Mobile™ 5.0 for Pocket PC, Premium Edition
- Integrated WiFi (802.11b)¹
- Integrated SD expansion slot (SDIO)
- Removable/rechargeable Lithium-Ion 1100 mAh battery
- 3.5" transfective QVGA TFT display with 64K colors
- Integrated Personal Information Manager (PIM) software
- Supported music formats: WMA, MP3
- Supported video formats: WMV

NOTES:

¹ A standard WLAN (Wi-Fi) 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 service provider for availability and coverage in your area. Not all web content available.

Standard Features

Models

HP iPAQ rx1950 Pocket PC – 64 MB ROM, 32 MB SDRAM, WiFi

FA630A#ABA – US Commercial

FA630A#ABU – United Kingdom & Ireland

FA630A#ABB – Euro English

FA630A#ABC – French Canadian

FA630A#UUF – Asia Pacific English

FA630A#ABG – Australia, New Zealand

FA630A#ARE – Malaysia English

FA630A#AB0 – Taiwan - Traditional Chinese

FA630A#AB2 – Simplified Chinese

FA630A#AB5 – Hong Kong T-Chinese

FA630A#ABD – Germany

FA630A#ABF – France

FA630A#ABZ – Italy

FA630A#ABE – Spain

FA630A#B16 – LA Spanish

FA630A#AC8 – Argentina

FA630A#AC4 – Brazil

FA630A#AB1 – Korea

FA630A#ABJ – Japan

FA630T#ABB – Euro English Top Value

FA630T#ABD – Germany Top Value

FA630T#ABE – Spain Top Value

FA630T#ABF – France Top Value

FA630T#ABU – United Kingdom & Ireland Top Value

FA630T#ABZ – Italy Top Value

HP iPAQ rx1955 Pocket PC – 64 MB ROM, 32 MB SDRAM, WiFi

FA629A#ABA – US Retail, English

HP iPAQ rx1955 Pocket PC – 64 MB ROM, 32 MB SDRAM, WiFi

FA633A#ABA – US Retail, English – RFID

Processor	Samsung® SC32442 300 MHz Processor
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Memory	User Available Memory	96 MB total memory (64 MB ROM and 32 MB SDRAM) Up to 33 MB user available persistent storage memory
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Standard Features

Display	Type	Transflective 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	0.24 mm
	Viewable Image Size	3.5 in (89 mm) diagonal
<hr/>		
Hardware Buttons/ Reset Buttons	One power button, one recording button, one soft reset switch, four software programmable AP buttons, one 5-way joy stick	
<hr/>		
Stylus	One – Included in the box	
<hr/>		
Audio	Integrated microphone, speaker and one 3.5 mm stereo headphone jack	
<hr/>		
Indicators	Alarms	Solid amber LED (right) – battery in unit fully charged Flashing amber LED (right) – battery in unit is charging Flashing green LED (right) – event alarm/notification Solid Blue LED (left) – WiFi active
	Notification	Sound and visual message on the display
<hr/>		
Cradle Interfaces (Cradle available as optional accessory)	Connector	1 - 22 pin connector for synchronization and charging
	Cable	1 USB cable connects to PC
	DC Power jack connector for AC/DC Adapter connection	1
	Integrated Spare battery charger	Charge additional slim or extended battery
<hr/>		
Other Interfaces	IrDA (SIR)	
	USB 1.1 Client	– supported via HP standard 22-pin sync connector interface
	Serial RS232	– supported via HP standard 22-pin cable interface (cable must be purchased separately)
NOTE: Some HP authorized options may not be supported. See http://www.hp.com/go/ipaqaccessories .		
<hr/>		
SD Slot	Support 1-bit/4-bit SDIO, SD/MMC type memory standard, and mini SD memory cards with SD adapters	
<hr/>		

Standard Features

Power Supply	Battery	Removable/rechargeable 1100 mAh Lithium-Ion (user changeable). Optional extended 1800 mAh Lithium-Ion battery available for purchase (http://www.hp.com/go/ipaqaccessories).	
	AC Power	AC Input: 100~240 Vac, 50/60 Hz, AC Input current: 0.3 Aac max Output Voltage: 5Vdc (typical), Output Current: 2A (typical)	
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 Adapter	Dimensions (H x W x D)	3 x 1.9 x 1.8 in (76 x 48 x 44 mm - including prongs), (may vary by model)	
	Cord Length (approximate)	6 ft (1.83 m)	
	Power Supply Ratings	Voltage Range	100 to 240 V Switching
		Input Current	0.4 A ac
		Input Frequency	50 to 60 Hz
		Output Voltage	5 V DC
		Output Current	2 Amp
System Unit	Dimensions (H x W x D)	4.47 x 2.78 x 0.5 in (113.6 x 70.6 x 13.5 mm)	
	Weight	4.4 oz (125 g)	
	Operating Temperature	32° to 104° F (0° to 40° C)	
	Storage Temperature	-4° to 140° F (-20° to 60° C)	
	Operating Humidity	90% RH	
	Regulatory Marks	Electrical	FCC Class B, UL or CSA NRTL, CE
		Safety	C-UL, NOM
Design Features	4 programmable application quick-launch buttons, 5-way navigation joystick, touch-sensitive display for stylus or fingertip, voice record button, microphone and speaker		
Operating System	Microsoft® Windows Mobile™ 5.0 for Pocket PC, Premium Edition Mobile versions of Microsoft software are included (Word®, Excel®, PowerPoint® and Internet Explorer®) Microsoft® Outlook™ 2002 for Pocket PC		
Operating System Applications	Powered by Microsoft® Windows Mobile™ Version 5.0 for Pocket PC, 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, Beam, Clock, Align Screen, Memory, Volume.		
In the box	HP iPAQ rx1950 Pocket PC, lithium-Ion 1100 mAh removable/rechargeable battery, AC adapter, USB desktop synchronization cable, slip case, Documentation Package and HP iPAQ Getting Started disc		

Standard Features

Additional Software and links Microsoft ActiveSync 4.0 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 **FA629A#ABA – US Retail:** 90 Days parts and labor. 90 days technical support for software in most regions.
FA630A#ABA – US Commercial: One-year parts and labor; 90 days technical support for software in most regions. Additional offers may vary by region.

HP Exclusive Applications iPAQ Wireless: manage your wireless connections
 Pocket Panel Lite: one touch access from Today Screen to device status; battery, memory, backlight settings
 iPAQ Entertainment
 Utilities: Self Test, iPAQ Audio, Power Status, Backlight Applet, Certificate Enroller

Getting Started Disc from HP

Applications	Full Versions Active Sync Adobe Acrobat Reader for PC Microsoft Outlook 2002
CD Links	Handango
Additional Documentation Important Safety Information on PDF, and Additional Product Information on PDF	
NOTE: Programs may vary based on model. Some programs are accessed through CD links to download web sites.	

Wi-Fi (802.11b) Specifications^{1,2}

Technology	High-speed wireless access to the Internet, email and corporate data
RF Network Standard	IEEE 802 Part 11b (802.11b)
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
Receiver Sensitivity – Packet Error Rate (8E-2)	11 Mbps: <-80 dBm 5.5 Mbps: <-82 dBm 2 Mbps: <-86 dBm 1 Mbps: <-89 dBm
Maximum Receive Level	-10dBm (1/2/5.5/11 Mbps)
Output Power	15 dBm

Standard Features

Power Consumption	Transmit mode: 1.33 Watts, typical Receive mode: 1.235 Watts, typical
Media Access Protocol	CSMA/CA (Collision Avoidance) with ACK
Protocols Supported	TCP/IP IPX/SPX UDP
Operating Distance	Up to 1000 feet – Open sight
Certifications	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

NOTES:

¹ A standard WLAN (Wi-Fi) 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.

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
	128 MB miniSD Memory Card*	FA602A#AC3
	256 MB miniSD Memory Card*	FA603A#AC3
	512 MB miniSD Memory Card*	FA604A#AC3
	* Models with full-sized SD slots will require the use of an SD adapter (included).	
Power	1100 mAh Lithium Ion Standard Battery	FA191x#AC3
	1800 mAh Lithium Ion Extended Battery	FA192x#AC3
	Automobile Adapter	FA125A#AC3
	Charger Adapter	FA133A#AC3
	AC Adapter, 4 head (US, EU, UK, AU)	FA372A#AC3
Synchronization	Desktop Cradle	FA188A#AC3
	AutoSync Cable (USB and Serial)	FA122A#AC3
Input Devices	Stylus Three-pack	FA113A#AC3
	Foldable Keyboard	FA118A#xxx
Cases	Leather Belt Case	FA160A#AC3
	Nylon Slimline Case	FA161A#AC3
	Premier Leather Case	FA662A#AC3
	Universal Rugged Wireless Case – Red	FA238A#AC3
	Universal Rugged Wireless Case – Black	FA238B#AC3
	Rugged Wireless Screen Protector 3-pack	FA138A#AC3
	Custom Cases: to view and order go to: http://www.casesonline.com .	

HP iPAQ Pocket PC features Windows Mobile™ software

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

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