

### Overview

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### Models

HP ProCurve MSM313 Access Point WW	J9350A
HP ProCurve MSM313 Access Point US	J9346A
HP ProCurve MSM313 Access Point JP	J9525A
HP ProCurve MSM323 Access Point WW	J9341A
HP ProCurve MSM323 Access Point US	J9337A

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### Key features

- Hotspot in a box
  - Zero-configuration service interface
  - Advanced bandwidth management capabilities
  - Complete IP routing and networking services
  - Integrated IEEE 802.11a/b/g MSM Access Point
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### Introduction

HP ProCurve MSM313 and MSM323 Access Points integrate a full-featured MultiService Mobility Access Point and MultiService Mobility Controller in a single turnkey unit. They are used to create easy-to-use public/guest Internet access (hotspot) services. The zero-configuration service interface adapts to client device configuration settings. Bandwidth management creates multiple service tiers and provides users with fair access to bandwidth. The access points provide secure user authentication, authorization, and accounting (AAA), enabling a wide range of free or fee-based service models. They support HTML and IEEE 802.1X login, and provide interfaces for centralized AAA, captive portal, and billing functions, allowing large multilocation networks.

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### Features and Benefits

#### Connectivity

- **Auto-MDIX:** automatically adjusts for straight-through or crossover cables on all 10/100 ports
- **IEEE 802.3af Power over Ethernet (POE) support:** simplifies deployment and dramatically reduces installation costs by helping to eliminate the time and cost involved in supplying local power at each access point location

#### Mobility

- **All-in-one simplicity:** The HP ProCurve MSM313 and MSM323 Access Points combine a full-featured multiservice access point and multiservice controller in a single easy-to-deploy enclosure that is ideally suited for public hotspot networks and small enterprise deployments.
- **Award-winning public/guest Internet access service:** The ProCurve MSM313 and MSM323 Access Points provide high-speed guest Internet access for up to 25 patrons, guests, and partners. Guest access can be segmented from corporate applications. Easy, Web-based login via a captive, customized portal and zero-configuration service adapts to any client device's IP address and Web proxy settings.
- **Rock-solid security:** Security policies based on user credentials (IEEE 802.1X/EAP), hardware identifiers (MAC address and WEP key), or HTML login are enforced at the network edge to safeguard network and information integrity. Standards-based RADIUS interface provides remote authentication, authorization, and accounting (AAA) system integration and hardware-assisted encryption using WPA2/AES (IEEE 802.11i), WPA/RC4, and/or WEP. A built-in stateful firewall provides secure connection to the Internet.

# QuickSpecs

## HP ProCurve Mobility Integrated Services Access Point Series

### Overview

- **High-performance, multiservice networking:** The ProCurve MSM313 and MSM323 Access Points can deliver multiple services simultaneously: networking policies tailored for Quality of Service (QoS), authentication, encryption, bandwidth allocation, and VLANs based on user, device, or application identity. End-to-end QoS based on TOS/DiffServ, IEEE 802.1p, and TCP/UDP port. IEEE 802.11e Wireless MultiMedia (WMM) and SpectraLink Voice Priority (SVP) provide voice performance.
- **Rich management features:** Activity statistics support per-user billing by data volume and elapsed session time. There is also integrated support for leading third-party hotspot billing services. The self-healing configuration automatically adjusts to changes in the RF environment. The series provides advanced IP networking capabilities, including Adaptive NAT, SMTP redirect, and DHCP services for transparent application support.
- **Interoperability:** Wi-Fi Alliance certifications, including IEEE 802.11g Wi-Fi and WPA2 to help ensure multivendor interoperability
- **Virtual Service Communities (VSCs):**
  - Up to 16 SSIDs, each with unique MAC address, configurable SSID broadcasts
  - Individual security and QoS profiles per VSC
  - Configurable DTIM and minimum data rate per VSC
  - Each VSC mapped to separate IEEE 802.1Q VLANs
  - WMM and/or WMM-PS
  - Security filter
  - IP filter
- **AP Client Access Control functions:**
  - IEEE 802.1x authentication using EAP-SIM, EAP-FAST, EAP-TLS, EAP-TTLS, and PEAP
  - MAC address authentication using local or RADIUS access lists
  - RADIUS AAA using EAP-MD5, PAP, CHAP, and MS-CHAPv2
  - RADIUS Client (RFC 2865 and 2866) with location-aware support
  - Layer 2 wireless client isolation
- **Location flexibility:** The series features a plenum-rated enclosure and is powered by IEEE 802.3af Power over Ethernet (PoE) or a power supply accessory (sold separately).

### Security

- **Choice of IEEE 802.11i, Wi-Fi Protected Access 2 (WPA2), or WPA:** locks out unauthorized wireless access by authenticating users prior to granting network access; robust Advanced Encryption Standard (AES) or Temporal Key Integrity Protocol (TKIP) encryption secures the data integrity of the wireless traffic
- **Local wireless bridge client traffic filtering:** when enabled, prevents communication between wireless devices associated with the same access point
- **IEEE 802.1X:** provides port-based user authentication with support for Extensible Authentication Protocol (EAP) MD-5, TLS, TTLS, and PEAP with choice of AES, TKIP, and static or dynamic WEP encryption for protecting wireless traffic between authenticated clients and the access point

### Quality of Service (QoS)

- **IEEE 802.1p prioritization:** delivers data to devices based on the priority and type of traffic
- **SpectraLink voice priority (SVP) support:** prioritizes SpectraLink voice IP packets sent from a SpectraLink NetLink SVP server to SpectraLink wireless voice handsets to help ensure excellent voice quality
- **Wireless:**
  - L2/L3/L4 classification: IEEE 802.1p VLAN priority, SpectraLink SVP, DiffServ, VTP/TCP, and Post
  - Wi-Fi MultiMedia (WMM), IEEE 802.11e EDCA, and Service-Aware priority assigned by VSC
  - Maximum VoIP call capacity: 12 active calls on IEEE 802.11a/b/g
- **Network management:**
  - Fully manageable using HP ProCurve Manager 3.0 AU1 and HP ProCurve Mobility Manager 3.0 AU2
  - SNMP v2c, SNMP v3, MIB-II with Traps, and RADIUS Authentication Client MIB (RFC 2618)
  - Embedded HTML management tool with secure access (SSL and VPN)



# QuickSpecs

## HP ProCurve Mobility Integrated Services Access Point Series

### Overview

- Scheduled configuration and firmware upgrades from central server
- **Diagnostic:**
  - Client event log records association, authentication, and DHCP events
  - Packet capture tool for Ethernet and IEEE 802.11 interfaces (PCAP format)
  - Data rate matrix
- **RF management:**
  - Automatically selects channel on power-up and continuously improves channel selection based on background interference scan
  - Configurable background rogue scanning
  - Automatically adjusts transmit power to reduce interference

### Warranty and support\*

- **ProCurve Lifetime Warranty:** for as long as you own the product, with next-business-day advance replacement (available in most countries).
- **Electronic and telephone support:** limited electronic and telephone support is available from HP. Refer to the HP Web site at: [www.procurve.com/support](http://www.procurve.com/support) for details on the support provided and the period during which support is available.
- **Software releases:** refer to the HP Web site at: [www.procurve.com/support](http://www.procurve.com/support) for details on the software releases provided and the period during which software releases are available.

\* For as long as you own the product, with next-business-day advance replacement (available in most countries). The following hardware products and their related series modules have a one-year hardware warranty with extensions available: HP ProCurve Routing Switch 9300m Series, HP ProCurve Switch 8100fl Series, and HP ProCurve Network Access Controller 800. The following hardware mobility products have a one-year hardware limited warranty with extensions available: HP ProCurve M111 Client Bridge, HP ProCurve MSM3xx-R Access Points, HP ProCurve MSM7xx Mobility and Access Controllers, HP ProCurve RF Manager IDS/IPS Systems, HP ProCurve MSM Power Supplies, and HP ProCurve 1-Port Power Injector. Standalone software, upgrades, or licenses may have a different warranty duration. For details, refer to the ProCurve Software License, Warranty, and Support booklet at: <http://www.procurve.com/warranty>.

### Accessories

HP ProCurve Mobility Integrated Services Access Point Series	HP ProCurve MSM31x and MSM32x Power Supply	J9405A
	HP ProCurve 1-Port Power Injector	J9407A
HP ProCurve MSM313 Access Point WW	HP ProCurve MSM31x and MSM32x Power Supply	J9405A
	HP ProCurve MSM310/MSM320 AP Mounting Bracket	J9403A
HP ProCurve MSM313 Access Point US	HP ProCurve MSM31x and MSM32x Power Supply	J9405A
	HP ProCurve MSM310/MSM320 AP Mounting Bracket	J9403A
HP ProCurve MSM323 Access Point WW	HP ProCurve MSM31x and MSM32x Power Supply	J9405A
	HP ProCurve MSM310/MSM320 AP Mounting Bracket	J9403A
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## HP ProCurve Mobility Integrated Services Access Point Series

### Overview

### Services

HP ProCurve MSM313 Access Point WW	3-year, 4-hour onsite, 13x5 coverage for hardware	UN675E
	3-year, 4-hour onsite, 24x7 coverage for hardware	UN676E
	3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support	UN678E
	3-year, 24x7 SW phone support, software updates	UN677E

Refer to the HP Web site at: [www.procurve.com/services](http://www.procurve.com/services) for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

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HP ProCurve MSM313 Access Point US	3-year, 4-hour onsite, 13x5 coverage for hardware	UN675E
	3-year, 4-hour onsite, 24x7 coverage for hardware	UN676E
	3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support	UN678E
	3-year, 24x7 SW phone support, software updates	UN677E

Refer to the HP Web site at: [www.procurve.com/services](http://www.procurve.com/services) for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

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HP ProCurve MSM323 Access Point WW	3-year, 4-hour onsite, 13x5 coverage for hardware	UN663E
	3-year, 4-hour onsite, 24x7 coverage for hardware	UN664E
	3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support	UN666E
	3-year, 24x7 SW phone support, software updates	UN665E

Refer to the HP Web site at: [www.procurve.com/services](http://www.procurve.com/services) for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

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HP ProCurve MSM323 Access Point US	3-year, 4-hour onsite, 13x5 coverage for hardware	UN663E
	3-year, 4-hour onsite, 24x7 coverage for hardware	UN664E
	3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support	UN666E
	3-year, 24x7 SW phone support, software updates	UN665E

Refer to the HP Web site at: [www.procurve.com/services](http://www.procurve.com/services) for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.



# QuickSpecs

## HP ProCurve Mobility Integrated Services Access Point Series

### Technical Specifications

HP ProCurve MSM313 Access Point WW (J9350A)	Ports	2 RJ-45 auto-sensing 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex: half or full 1 RJ-11 serial console port	
	Physical characteristics	Dimensions	6.52(d) x 6.4(w) x 1.88(h) in. (16.57 x 16.26 x 4.78 cm)
Environment		Weight	3.0 lb. (1.36 kg)
		Enclosure	Indoor, plenum rated
		Operating temperature	32°F to 122°F (0°C to 50°C)
		Operating relative humidity	5% to 95%, non-condensing
Electrical characteristics		Non-operating/Storage temperature	-40°F to 176°F (-40°C to 80°C)
		Non-operating/Storage relative humidity	5% to 95%, non-condensing
		Description	5 VDC connector (power supply sold separately), IEEE 802.3af PoE compliant
		Power consumption	6.5 W
Frequency band and Operating		Antenna Connector	(2) RP-SMA with diversity
		Antenna	(2) 2dBi dual-band 2.4/5 GHz omnidirectional
		Notes	Maximum power rating is the worst-case theoretical maximum power number with fully loaded PoE, 100% traffic, all ports plugged in, and all modules populated.
		FCC (US & Canada)	2.412 - 2.462 GHz (11 channels) 5.180 - 5.240 GHz (4 channels) 5.745 - 5.825 GHz (5 channels)
Radio		European Union	2.412 - 2.472 GHz (13 channels) 5.180 - 5.240 GHz (4 channels) 5.260 - 5.320 GHz (4 channels) 5.500 - 5.700 GHz (11 channels)
		FCC Part 15.247; FCC Part 15.407 (US); RSS-210 (Canada); EN 300 328; ARIB STD-T66; IDA Registration (Singapore); MIC approval (Korea); RCR STD-33; ARIB STD-T71 (Japan); EN 301 893 (EU)	
		Safety	UL 1950; UL 2043; IEC 60950; EN 60950; CSA 22.2 No. 950-95
		Emissions	EN 55022 Class B; EN 301 489-1; EN 301 489-17; ICES-003 Class B; FCC Part 15, Class B
Medical		EN60601-1-2	
		RF Exposure	FCC Part 15.247; RSS-210; EN 300-328; ETS 301-398
	Notes	Maximum transmit power varies by country.	



# QuickSpecs

## HP ProCurve Mobility Integrated Services Access Point Series

### Technical Specifications

#### Radio characteristics: IEEE 802.11a/b/g

	IEEE 802.11a	IEEE 802.11a	IEEE 802.11g	IEEE 802.11g	IEEE 802.11b	IEEE 802.11b
Data rate	6 Mbps	54 Mbps	6 Mbps	54 Mbps	1 Mbps	11 Mbps
Receiver sensitivity	-87 dBm	-67 dBm	-87 dBm	-70 dBm	-87 dBm	-87 dBm
Transmit power	18 dBm	12 dBm	18 dBm	13 dBm	18.5 dBm	18.5 dBm

HP ProCurve MSM313 Access Point US (J9346A)	Ports	2 RJ-45 auto-sensing 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex: half or full 1 RJ-11 serial console port
	Physical characteristics	<p><b>Dimensions</b> 6.52(d) x 6.4(w) x 1.88(h) in. (16.57 x 16.26 x 4.78 cm)</p> <p><b>Weight</b> 3.0 lb. (1.36 kg)</p> <p><b>Enclosure</b> Indoor, plenum rated</p>
Environment	Operating temperature	32°F to 122°F (0°C to 50°C)
	Operating relative humidity	5% to 95%, non-condensing
	Non-operating/Storage temperature	-40°F to 176°F (-40°C to 80°C)
	Non-operating/Storage relative humidity	5% to 95%, non-condensing
Electrical characteristics	Description	5 VDC connector (power supply sold separately), IEEE 802.3af PoE compliant
	Power consumption	6.5 W
	Antenna Connector	(2) RP-SMA with diversity
	Antenna	(2) 2dBi dual-band 2.4/5 GHz omnidirectional
	Notes	Maximum power rating is the worst-case theoretical maximum power number with fully loaded PoE, 100% traffic, all ports plugged in, and all modules populated.
	Frequency band and Operating	<p><b>FCC (US &amp; Canada)</b> 2.412 - 2.462 GHz (11 channels) 5.180 - 5.240 GHz (4 channels) 5.745 - 5.825 GHz (5 channels)</p> <p><b>European Union</b> 2.412 - 2.472 GHz (13 channels) 5.180 - 5.240 GHz (4 channels) 5.260 - 5.320 GHz (4 channels) 5.500 - 5.700 GHz (11 channels)</p>
Radio	FCC Part 15.247; FCC Part 15.407 (US); RSS-210 (Canada); EN 300 328; ARIB STD-T66; IDA Registration (Singapore); MIC approval (Korea); RCR STD-33; ARIB STD-T71 (Japan); EN 301 893 (EU)	
Safety	UL 1950; UL 2043; IEC 60950; EN 60950; CSA 22.2 No. 950-95	
Emissions	EN 55022 Class B; EN 301 489-1; EN 301 489-17; ICES-003 Class B; FCC Part 15, Class B	



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## HP ProCurve Mobility Integrated Services Access Point Series

### Technical Specifications

Medical	EN60601-1-2
RF Exposure	FCC Part 15.247; RSS-210; EN 300-328; ETS 301-398
Notes	Maximum transmit power varies by country.

#### Radio characteristics: IEEE 802.11ab/g

	IEEE 802.11a	IEEE 802.11b	IEEE 802.11g	IEEE 802.11n	IEEE 802.11ac	IEEE 802.11ad
Data rate	6 Mbps	54 Mbps	6 Mbps	54 Mbps	1 Mbps	11 Mbps
Receiver sensitivity	-87 dBm	-67 dBm	-87 dBm	-70 dBm	-87 dBm	-87 dBm
Transmit power	18 dBm	12 dBm	18 dBm	13 dBm	18.5 dBm	18.5 dBm

HP ProCurve MSM313 Access Point JP (J9352A)	Ports	2 RJ-45 auto-sensing 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex: half or full 1 RJ-11 serial console port	
	Physical characteristics	Dimensions	6.52(d) x 6.4(w) x 1.88(h) in. (16.57 x 16.26 x 4.78 cm)
Environment		Weight	3.0 lb. (1.36 kg)
		Enclosure	Indoor, plenum rated
		Operating temperature	32°F to 122°F (0°C to 50°C)
		Operating relative humidity	5% to 95%, non-condensing
Electrical characteristics		Non-operating/Storage temperature	-40°F to 176°F (-40°C to 80°C)
		Non-operating/Storage relative humidity	5% to 95%, non-condensing
		Description	5 VDC connector (power supply sold separately), IEEE 802.3af PoE compliant
		Power consumption	6.5 W
		Antenna Connector	(2) RP-SMA with diversity
Frequency band and Operating		Antenna	(2) 2dBi dual-band 2.4/5 GHz omnidirectional
		Notes	Maximum power rating is the worst-case theoretical maximum power number with fully loaded PoE, 100% traffic, all ports plugged in, and all modules populated.
	FCC (US & Canada)		2.412 - 2.462 GHz (11 channels)
			5.180 - 5.240 GHz (4 channels)
			5.745 - 5.825 GHz (5 channels)
	European Union		2.412 - 2.472 GHz (13 channels)
			5.180 - 5.240 GHz (4 channels)
		5.260 - 5.320 GHz (4 channels)	
		5.500 - 5.700 GHz (11 channels)	
Radio	FCC Part 15.247; FCC Part 15.407 (US); RSS-210 (Canada); EN 300 328; ARIB STD-T66; IDA Registration (Singapore); MIC approval (Korea); RCR STD-33; ARIB STD-T71 (Japan); EN 301 893 (EU)		



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### Technical Specifications

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<b>Emissions</b>	EN 55022 Class B; EN 301 489-1; EN 301 489-17; ICES-003 Class B; FCC Part 15, Class B
<b>Medical</b>	EN60601-1-2
<b>RF Exposure</b>	FCC Part 15.247; RSS-210; EN 300-328; ETS 301-398
<b>Notes</b>	Maximum transmit power varies by country.

#### Radio characteristics: IEEE 802.11a/b/g

	IEEE 802.11a	IEEE 802.11a	IEEE 802.11g	IEEE 802.11g	IEEE 802.11b	IEEE 802.11b
<b>Data rate</b>	6 Mbps	54 Mbps	6 Mbps	54 Mbps	1 Mbps	11 Mbps
<b>Receiver sensitivity</b>	-87 dBm	-67 dBm	-87 dBm	-70 dBm	-87 dBm	-87 dBm
<b>Transmit power</b>	18 dBm	12 dBm	18 dBm	13 dBm	18.5 dBm	18.5 dBm

#### HP ProCurve MSM323 Access Point WW (J9341A)

<b>Ports</b>	2 RJ-45 auto-sensing 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex: half or full 1 RJ-11 serial console port										
<b>Physical characteristics</b>	<table> <tr> <td><b>Dimensions</b></td> <td>6.52(d) x 6.4(w) x 1.88(h) in. (16.56 x 16.26 x 4.78 cm)</td> </tr> <tr> <td><b>Weight</b></td> <td>3.0 lb. (1.36 kg)</td> </tr> <tr> <td><b>Enclosure</b></td> <td>Indoor, plenum rated</td> </tr> </table>	<b>Dimensions</b>	6.52(d) x 6.4(w) x 1.88(h) in. (16.56 x 16.26 x 4.78 cm)	<b>Weight</b>	3.0 lb. (1.36 kg)	<b>Enclosure</b>	Indoor, plenum rated				
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# QuickSpecs

## HP ProCurve Mobility Integrated Services Access Point Series

### Technical Specifications

<b>Radio</b>	FCC Part 15.247; FCC Part 15.407 (US); RSS-210 (Canada); EN 300 328; ARIB STD-T66; IDA Registration (Singapore); MIC approval (Korea); RCR STD-33; ARIB STD-T71 (Japan); EN 301 893 (EU)
<b>Safety</b>	UL 1950; UL 2043; IEC 60950; EN 60950; CSA 22.2 No. 950-95
<b>Emissions</b>	EN 55022 Class B; EN 301 489-1; EN 301 489-17; ICES-003 Class B; FCC Part 15, Class B
<b>Medical</b>	EN60601-1-2
<b>RF Exposure</b>	FCC Part 15.247; RSS-210; EN 300-328; ETS 301-398
<b>Notes</b>	Maximum transmit power varies by country.

#### Radio characteristics: Dual a/b/g + a/b/g

	IEEE 802.11a	IEEE 802.11a	IEEE 802.11g	IEEE 802.11g	IEEE 802.11b	IEEE 802.11b
<b>Data rate</b>	6 Mbps	54 Mbps	6 Mbps	54 Mbps	1 Mbps	11 Mbps
<b>Receiver sensitivity</b>	-87 dBm	-67 dBm	-87 dBm	-70 dBm	-87 dBm	-87 dBm
<b>Transmit power</b>	18 dBm	12 dBm	18 dBm	13 dBm	18.5 dBm	18.5 dBm

<b>HP ProCurve MSM323 Access Point US (J9337A)</b>	<b>Ports</b>	2 RJ-45 auto-sensing 10/100 ports (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex: half or full 1 RJ-11 serial console port										
	<b>Physical characteristics</b>	<table> <tr> <td><b>Dimensions</b></td> <td>6.52(d) x 6.4(w) x 1.88(h) in. (16.57 x 16.26 x 4.78 cm)</td> </tr> <tr> <td><b>Weight</b></td> <td>3.0 lb. (1.36 kg)</td> </tr> <tr> <td><b>Enclosure</b></td> <td>Indoor, plenum rated</td> </tr> </table>	<b>Dimensions</b>	6.52(d) x 6.4(w) x 1.88(h) in. (16.57 x 16.26 x 4.78 cm)	<b>Weight</b>	3.0 lb. (1.36 kg)	<b>Enclosure</b>	Indoor, plenum rated				
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	<b>Frequency band and Operating</b>	<table> <tr> <td>FCC (US &amp; Canada)</td> <td>2.412 - 2.462 GHz (11 channels)</td> </tr> <tr> <td></td> <td>5.180 - 5.240 GHz (4 channels)</td> </tr> <tr> <td></td> <td>5.745 - 5.825 GHz (5 channels)</td> </tr> </table>	FCC (US & Canada)	2.412 - 2.462 GHz (11 channels)		5.180 - 5.240 GHz (4 channels)		5.745 - 5.825 GHz (5 channels)				
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# QuickSpecs

## HP ProCurve Mobility Integrated Services Access Point Series

### Technical Specifications

	<b>European Union</b>	2.412 - 2.472 GHz (13 channels) 5.180 - 5.240 GHz (4 channels) 5.260 - 5.320 GHz (4 channels) 5.500 - 5.700 GHz (11 channels)
<b>Radio</b>		FCC Part 15.247; FCC Part 15.407 (US); RSS-210 (Canada); EN 300 328; ARIB STD-T66; IDA Registration (Singapore); MIC approval (Korea); RCR STD-33; ARIB STD-T71 (Japan); EN 301 893 (EU)
<b>Safety</b>		UL 1950; UL 2043; IEC 60950; EN 60950; CSA 22.2 No. 950-95
<b>Emissions</b>		EN 55022 Class B; EN 301 489-1; EN 301 489-17; ICES-003 Class B; FCC Part 15, Class B
<b>Medical</b>		EN60601-1-2
<b>RF Exposure</b>		FCC Part 15.247; RSS-210; EN 300-328; ETS 301-398
<b>Notes</b>		Maximum transmit power varies by country.

#### Radio characteristics: Dual a/b/g + a/b/g

	IEEE 802.11a	IEEE 802.11a	IEEE 802.11g	IEEE 802.11g	IEEE 802.11b	IEEE 802.11b
<b>Data rate</b>	6 Mbps	54 Mbps	6 Mbps	54 Mbps	1 Mbps	11 Mbps
<b>Receiver sensitivity</b>	-87 dBm	-67 dBm	-87 dBm	-70 dBm	-87 dBm	-87 dBm
<b>Transmit power</b>	18 dBm	12 dBm	18 dBm	13 dBm	18.5 dBm	18.5 dBm

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