



Datasheet

## **NEW** HP ProCurve M110 Access Point US

HP ProCurve M110 Access Point is an entry-level, single IEEE 802.11a/b/g radio device that can be configured to operate as an access point, a wireless distribution system (WDS) bridge, or a full-spectrum IEEE 802.11 wireless LAN (WLAN) monitor. The ProCurve M110 Access Point supports up to two Virtual Service Communities, each with independent VLAN and wireless security profiles. The M110 access point can be centrally managed as part of the HP ProCurve Intelligent Mobility system. It is Plenum rated and powered by IEEE 802.3af-compliant Power over Ethernet (PoE). The M110 access point is Wi-Fi Certified for WPA2, WPA, and WEP security and has hardware-assisted AES and RC4 encryption.

# HP ProCurve M110 Access Point US

## Features and benefits

### Industry-leading warranty



### Mobility

• **Enhanced security:**

- Configurable Ethernet MAC and protocol filters
- WPA2, WPA, and WEP
- IEEE 802.1X PEAP WLAN authentication
- Hardware-assisted AES and RC4 encryption

• **Location flexibility:**

- 100 mW radio and antenna diversity provide excellent range
- Configurable IEEE 802.11 a/b/g radio with external antenna connectors
- Plenum rated
- Centrally manageable as part of the ProCurve Intelligent Mobility system

### Warranty and support

- **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 8100fi 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 [www.procurve.com/warranty](http://www.procurve.com/warranty).

# HP ProCurve M110 Access Point US

## Specifications



HP ProCurve M110 Access Point US (J9385A)

<b>Ports</b>	1 RJ-45 auto-sensing 10/100 port (IEEE 802.3 Type 10Base-T, IEEE 802.3u Type 100Base-TX); Duplex: half or full 1 RS-232C DB-9 console port
<b>Physical characteristics</b>	
Dimensions	5(d) x 5.5(w) x 1.3(h) in. (12.7 x 13.97 x 3.3 cm)
Weight	2.0 lb. (0.91 kg)
Enclosure	Indoor, plenum rated
<b>Environment</b>	
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
Shock and vibration	EN61373
<b>Electrical characteristics</b>	
Description	IEEE 802.3af PoE compliant or 5 VDC from available AC power supply
Power consumption	5 W
Antenna Connector	(2) RP-SMA with diversity
Antenna	(2) 2 dBi dual-band 2.4/5 GHz
<b>Frequency band and Operating channels</b>	
FCC (US and 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)
<b>Radio</b>	FCC Part 15.247; FCC Part 15.407 (US)
<b>Safety</b>	UL 2043; UL 60950-1; IEC 60950-1; EN 60950-1; CAN/CSA-C22.2 No. 60950-1
<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>RF Exposure</b>	FCC Bulletin OET-65C; RSS-102; EN 50385
<b>Notes</b>	Maximum transmit power varies by country.
<b>Services</b>	3-year, 4-hour onsite, 13x5 coverage for hardware (UN691E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UN692E) 3-year, 4-hour onsite, 24x7 coverage for hardware, 24x7 software phone support (UN694E) 3-year, 24x7 SW phone support, software updates (UN693E)

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Radio characteristics: IEEE 802.11a/b/g

Data rate	IEEE 802.11a 6 Mbps	IEEE 802.11a 54 Mbps	IEEE 802.11g 6 Mbps	IEEE 802.11g 54 Mbps	IEEE 802.11b 1 Mbps	IEEE 802.11b 11 Mbps
Receiver sensitivity	-90 dBm	-72 dBm	-92 dBm	-72 dBm	-90 dBm	-90 dBm
Transmit power	20 dBm	16 dBm	20 dBm	16 dBm	20 dBm	20 dBm
<b>Standards and protocols</b>	<b>Mobility</b> IEEE 802.11a High Speed Physical Layer in the 5 GHz Band IEEE 802.11b Higher-Speed Physical		Layer Extension in the 2.4 GHz Band IEEE 802.11g Further Higher Data Rate Extension in the 2.4 GHz Band		IEEE 802.11i Medium Access Control (MAC) Security Enhancements	



Network of Choice

## HP ProCurve M110 Access Point US accessories

HP ProCurve 1-Port Power Injector (J9407A)

### For more information

To learn more about HP ProCurve Networking, please visit [ProCurve.com](http://ProCurve.com)

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