# Mi-Fi
## YOUR WIFI. YOUR SPACE.



# MN AC STD
## Dual Band 802.11 ac Access Point powered by Mi-Fi Smart OS

**Mobile Computing, Cloud and IOT** have redefined what your smart device require over Wireless.

**MN AC STD** Comes with Best in class Dual Band Radio for Blazing Fast Wi-Fi and powered by unique Mi-Fi Smart OS enabling tremendous Deployment and Management Options for you.

Mi-Fi access points provide optimum coverage and come with powerful capabilities. Each of these products and solutions conform to industry standards thereby providing unmatched flexibility and freedom to the customer.

All of Mi- Fi access points are IPv6 ready, WLAN controllers will support all models of Mi-Fi Access Points, the AAA and Billing System will work with any brand of Access Points or Gateways which conform to industry standards.

Built upon high-performance processors and designed for intensive usage, the durability of the Mi-Fi AP/Router is achieved due to its reliable and quality platform ensuring optimum uptime.

**Mi-Fi Smart OS** is the one and only platforms where all the features of a fully-fledged Router, Switch, Stateful Firewall and hotspot features integrated ever on an access point.

# Mi-Fi Smart OS comes with

Best in class Cloud Based Secure Wi-Fi module to secure your Wireless connection where user is authenticated before connecting to Wireless.

State of Art Hotspot Gateway over Internal and external captive portal with WISPr or Hotspot 2.0 support.

Live User tracking and Usage statistic

Handful of VPNs for Secure Packet Routing, Remote Management and Monitoring.

Offers QOS, Layer 2 , Layer 3 and Layer 7 based security

Inbuilt WLC for Small Network

Handful of wireless authentication methods such as WEP, WPA, WPA2, 802.1x, Radius, Captive Portal and many more.

Tools such as Network Watch for IP based Network monitoring and Alerts and lot more for day to day network Operations.

Mi-Fi's OWN cloud based OTP/ Social /Coupon Based login setup with PMS, HMS, AD, LDAP or local database authentication support with User policy.

Policy and SSID based packet routing and management

VLAN tagging for SSID and based on User Mac

*The inbuilt Router, Stateful Firewall, Switch and Access Gateway can work together to build any network architecture and packet flow based on the growing user demand*

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# Specification

| | |
|---|---|
| Product code | MN AC STD |
| CPU | QCA9531 650 MHz |
| Size of RAM | 64 MB |
| Storage type | Flash |
| Storage size | 16 MB |
| 10/100/1000 Ethernet ports | 5 |
| Wireless | 5 GHz radio | 2.4 GHz radio |
| Wireless regulations | Specific frequency range may be  limited by  country  regulations | |

| Operating frequency | International | 5150 - 5875 MHz | International | 2412 - 2484 MHz |
|---|---|---|---|---|
| | USA | 5170 - 5250 MHz 5725 - 5835 MHz | USA | 2412 - 2462 MHz |

| | | |
|---|---|---|
| Protocols | 802.11a/n/ac | 802.11b/g/n |
| Chains | Single-chain | Dual-chain |
| Antenna gain | 2 dBi | 1.5 dBi |
| Wireless chip model | QCA9887 | QCA9531 |
| Antenna beam width | 360° | |
| PoE in | Yes | |
| PoE out | Yes (Ether5), 0,5 A | |
| Supported input voltage | 8 V - 30 V  (Jack or Passive PoE) | |
| Operating temperature | -30°C .. +70°C | |
| Extras | USB 2.0 Type A full size port, 1 A | |
| Dimensions | 150 x 115 x 30 mm | |
| Tx Power Max (dBm) | 22 dBm on 2.4 Ghz, 23 dBm on 5 Ghz | |
| Operating System | Mi-Fi Smart OS | |
| Max Power consumption | 7 W | |

# Wireless specification

| Rate(2.4 Ghz) | Tx (dBm) | Rx(dBm) | RATE (5 GHz) | Tx (dBm) | Rx (dBm) |
|---|---|---|---|---|---|
| 1 M Bit/s | 22 | -96 | 6 M Bit/s | 23 | -93 |
| 11 M Bit/s | 22 | -89 | 54 M Bit/s | 20 | -75 |
| 6 M Bit/s | 20 | -93 | MCS0 | 23 | -93 |
| 54 M Bit/s | 18 | -74 | MCS7 | 19 | -71 |
| MCS0 | 20 | -93 | MCS9 | 16 | -63 |
| MCS7 | 16 | -71 | | | |

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