QUANTUM
n e t w o r k s

QN-I-200
PRODUCT OVERVIEW

◎ Enterprises today face a formidable challenge – to deploy reliable and affordable wireless connectivity solutions. Users and IT Managers demand performance and features, and yet the total cost of ownership remains a concern.

◎ QN-I-200 solves the pressing issue by providing high-speed 802.11 AC wireless networking solution. Quantum access points are packed with enterprise features and are managed by secure and scalable cloud controller.

◎ Three Years warranty from date of activation and software theft protection makes it affordable to own and manage Quantum Networks products.

◎ Take the Quantum Leap today.

QN-I-200
KEY FEATURES

◉ **Powerful, reliable and affordable high-speed enterprise wireless solution.**
Deploy secure and reliable wifi network for Small to Medium Enterprises, Education Institutes and Hotspot operators.

◉ **Easy to Manage**
Easily manage wifi infrastructure through feature-rich QN Cloud Controller.

◉ **Phenomenal Wi-Fi Performance**
Engineered for phenomenal wifi performance even in high interference environments.

◉ **Gateway Features Bundled**
QN-I-200 offers host of gateway features providing savings to SMBs and hotspot operates by eliminating additional gateways.

◉ **Theft prevention software**
Access Point CANNOT be deployed in any other network unless decommissioned from existing network.

◉ **Secure, Reliable Wi-Fi**
Secure your network with smooth client roaming, exhaustive analytics and prevention of unauthorized access.

◉ **Three Years Warranty**
Three years Limited Liability Manufacturer's Warranty from DATE OF ACTIVATION of device.

◉ **Beyond Wi-Fi**
Implement additional QN partner services such as Radius, DNS filtering and security and wifi service management platform over cloud.

www.qntmnet.com

QN-I-200
KEY SPECIFICATIONS

◎ WIFI

Wi-Fi Standards
2.4 Ghz: IEEE 802.11b/g/n
5 Ghz: IEEE 802.11a/n/ac

Operating Mode
Access point, Network Router

Supported Data Rates
802.11ac @ 80 MHz: 866, 780, 650, 585, 520, 390, 260, 195, 130, 65 Mbps
802.11n @ 40 MHz: 300, 270, 240, 180, 120, 90, 60, 30 Mbps
802.11a/g @ 20 MHz: 54, 48, 36, 24, 18, 12, 9, 6 Mbps
802.11b @ 20 MHz: 11, 5.5, 2, 1 Mbps

Supported Channels
2.4 GHz: 1-13
5 GHz: 36-64, 100-144, 149-165

Modulation Schemes
802.11ac: 256-QAM, 64-QAM, 16-QAM, QPSK, BPSK
802.11a/g/n: 64-QAM, 16-QAM, QPSK, BPSK
802.11b: CCK, DQPSK, DBPSK

Spatial Streams
2x2:2 MIMO

Channel Size
2.4 Ghz: 20/40 MHz
5 Ghz: 20/40/80 MHz

Wireless Security
WPA2-TKIP/AES Personal,WPA-TKIP/AES Personal,WPA2-Enterprise (802.1x/EAP),WPA-Enterprise (802.1x/EAP), Open

Other Wi-Fi Features
Port forwarding, DHCP Reservation ,Roaming ,Band steering, ACL (Layer2), Rate Limit ,WLAN Scheduling , DNS filtering, Client Isolation
Hotspot
Captive Portal

QN-I-200
KEY SPECIFICATIONS

◎ PERFORMANCE & CAPACITY

Peak PHY Rates	2.4 GHz: 300 Mbps / 5 GHz: 867 Mbps
Client Capacity	Up to 100 clients per AP
SSID	Up to 16 per AP (8 per Radio)

◎ RF

Antenna Type	4 × internal omni-directional antennas
Antenna Gain (Max)	2.4GHz: 3dBi / 5GHz: 3dBi
Output Power	2.4 GHz: 27dBm / 5 GHz: 27dBm

◎ POWER

Rating	802.3af/at

◎ NETWORKING

WAN Port Support	Static, DHCP and PPPoE
VLAN Support	VLAN, DVLAN, 802.1Q for management and data
Client isolation	Supported
Bandwidth limitation	Supported per SSID

◎ PHYSICAL INTERFACES

Ethernet	3 x 10/100/1000 Base-T with One PoE In (802.3at) port
USB	1 x USB 2.0

◎ ENVIRONMENTAL

Operating Temperature	–10°C (14F) ~ +55°C (+131F)
Operating Humidity	0~90% non-condensing

◎ MANAGEMENT

System Monitoring	SNMP v1, v2c, v3, Syslog
System Management	QNCC (Quantum Networks Cloud Controller), Standalone Mode

◎ PHYSICAL

Dimensions	153mm (6.1''), 147mm (5.8 ''), 29mm (1.14 '')
Weight	188g
Mounting	Suspended ceiling mount,Wall mount,Ceiling mount,Pole mount