

Hardware Features	
Interface	1× 2.5G RJ45 Port + 1x 1G RJ45 Port
Button	Reset
Power Supply	802.3bt PoE or 12V/2.5A DC
Max. Power Consumption	28 W (For PoE); 27 W (For DC)
Dimensions (W x D x H)	8.7 × 8.7 × 1.3 in (220 × 220 × 32.5 mm)
Antenna	Internal Omni • 2.4 GHz: 4× 4 dBi • 5 GHz: 4× 4 dBi
Bluetooth	Yes
Mounting	Ceiling /Wall Mounting (Kits included) Junction Box mouting
Wireless Features	
Coverage	200m ² (2150ft ²) ^{\$}
Concurrent Clients	1,020+ ^{**}
Wireless Standards	IEEE 802.11 a/b/g/n/ac/ax
Frequency	2.4 GHz and 5 GHz
Signal Rate	• 5 GHz: 2402 Mbps • 2.4 GHz: 1148 Mbps
Wireless Functions	• 1024-QAM • 4× Longer OFDM Symbol • OFDMA • Multiple SSIDs (16 SSIDs, 8 on each band) • Enable/Disable Wireless Radio • Enable/Disable SSID Broadcast • Guest Network • Automatic Channel Assignment • Transmit Power Control: Adjust Transmit Power on dBm • QoS(WMM) • Seamless Roaming [△] • Omada Mesh[△] • Beamforming • MU-MIMO • Rate Limit: Based on SSID/Client • Load Balance • Airtime Fairness • Band Steering • RADIUS Accounting • PPSK Pro • Hotspot 2.0: to be supported with subsequent software update • MAC Authentication • Reboot Schedule • Wireless Schedule • Wireless Statistics • Static IP/Dynamic IP
Wireless Security	• WIDS/WIPS[△] • Captive Portal Authentication[△] • Access Control • Maximum number of MAC Filter: 4000 • Wireless Isolation Between Clients • VLAN • WIDS/WIPS[△] • Rogue AP Detection • 802.1X Support • WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise

WIRELESS FEATURES

Transmission Power	• CE: < 20 dBm (2.4GHz, EIRP) < 23dBm (5 GHz, band1&band 2, EIRP) < 28 dBm (5 GHz,band 3, EIRP) • FCC: < 26 dBm (2.4 GHz) < 26 dBm (5 GHz)
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MANAGEMENT FEATURES

Omada App	Yes
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Centralized Management	• Omada Pro Software Controller • Omada Pro Cloud-Based Controller
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Cloud Access	Yes. Require the use of Omada Pro Cloud-Based Controller, or Omada Pro Software Controller.
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Email Alerts	Yes
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LED ON/OFF Control	Yes
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Management MAC Access Control	Yes
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SNMP	v1, v2c, v3
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System Logging Local/Remote Syslog	Yes
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SSH	Yes
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Web-based Management	HTTP/HTTPS
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L3 Management	Yes
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Multi-site Management	Yes
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Management VLAN	Yes
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Zero-Touch Provisioning	Yes. Require the use of Omada Pro Cloud-Based Controller.
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OTHERS

Certification	CE, FCC, RoHS
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Package Content	• AP9665 • Ceiling/Wall Mounting Kits • Installation Guide
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System Requirements	Microsoft Windows XP, Vista, Windows 7, Windows 8, Windows10, Windows11, Linux
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Environment	• Operating Temperature: 0–40 °C (32–104 °F) • Storage Temperature: -40–70 °C (-40–158 °F) • Operating Humidity: 10–90% RH non-condensing • Storage Humidity: 5–90% RH non-condensing
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