

Item no.: 385476

## AWK-3252A-UN-T - 802.11abgnac access point, UN band, -40 to 75C operating temperature

from **768,32 EUR**

Item no.: 385476  
shipping weight: 0.90 kg  
Manufacturer: MOXA



### Product Description

802.11a/b/g/n/ac access point, UN band, -40 to 75°C operating temperature  
 WLAN Interface  
 WLAN Standards: 2.4 GHz: 802.11b/g/n with 256 QAM support  
 5 GHz: 802.11a/n/ac Wave 2 with 256 QAM support  
 Frequency Band for UN (20 MHz operating channels): 2.412 to 2.484 GHz (14 channels) 5.180 to 5.240 GHz (4 channels) 5.745 to 5.825 GHz (5 channels)  
 Available channels change depending on the selected country or region code.  
 5.500 to 5.700 GHz (11 channels) 5.260 to 5.320 GHz (4 channels)  
 Wireless Security: WPA/WPA2/WPA3-Enterprise (IEEE 802.1X/RADIUS, TKIP, AES); WPA/WPA2/WPA3-Personal  
 Transmission Rate: 2.4 GHz: 802.11b: 1 to 11 Mbps  
 802.11g: 6 to 54 Mbps  
 802.11n: 6.5 to 400 Mbps  
 5 GHz: 802.11a: 6 to 54 Mbps  
 802.11n: 6.5 to 300 Mbps  
 802.11ac: 6.5 to 867 Mbps  
 Transmitter Power for 802.11a (Dual Chain): 25±1.5 dBm @ 6 MHz  
 22±1.5 dBm @ MCS7 40 MHz  
 Transmitter Power for 802.11n (5 GHz, Dual Chain): 25±1.5 dBm @ MCS0 20 MHz  
 22±1.5 dBm @ MCS7 20 MHz  
 24±1.5 dBm @ MCS0 40 MHz  
 22±1.5 dBm @ MCS7 40 MHz  
 Transmitter Power for 802.11ac (Dual Chain): 25±1.5 dBm @ MCS0 20 MHz  
 22±1.5 dBm @ MCS8 20 MHz  
 24±1.5 dBm @ MCS0 40 MHz  
 21±1.5 dBm @ MCS9 40 MHz  
 23±1.5 dBm @ MCS0 80 MHz  
 20±1.5 dBm @ MCS9 80 MHz  
 Transmitter Power for 802.11b (Dual Chain): 29±1.5 dBm @ 1 Mbps  
 29±1.5 dBm @ 11 Mbps  
 Transmitter Power for 802.11g (Dual Chain): 29±1.5 dBm @ 6 Mbps  
 26±1.5 dBm @ 54 Mbps  
 Transmitter Power for 802.11n (2.4 GHz, Dual Chain): 28±1.5 dBm @ MCS0 20 MHz  
 25±1.5 dBm @ MCS7 20 MHz  
 28±1.5 dBm @ MCS0 40 MHz  
 25±1.5 dBm @ MCS7 40 MHz  
 Receiver Sensitivity for 802.11a (measured at 5.680 GHz): Typ. -88 @ 6 Mbps  
 Typ. -72 @ 54 Mbps  
 Receiver Sensitivity for 802.11n (5 GHz; measured at 5.680 GHz): Typ. -88 dBm @ MCS0 20 MHz  
 Typ. -68 dBm @ MCS7 20 MHz  
 Typ. -84 dBm @ MCS0 40 MHz  
 Typ. -66 dBm @ MCS7 40 MHz  
 Receiver Sensitivity for 802.11ac: Typ. -88 dBm @ MCS0 20 MHz  
 Typ. -65 dBm @ MCS8 20 MHz  
 Typ. -85 dBm @ MCS0 40 MHz  
 Typ. -60 dBm @ MCS9 40 MHz  
 Typ. -81 dBm @ MCS0 80 MHz  
 Typ. -55 dBm @ MCS9 80 MHz  
 Receiver Sensitivity for 802.11b (measured at 2.437 GHz): Typ. -96 dBm @ 1 Mbps  
 Typ. -88 dBm @ 11 Mbps  
 Receiver Sensitivity for 802.11g (measured at 2.437 GHz): Typ. -90 dBm @ 6 Mbps  
 Typ. -74 dBm @ 54 Mbps  
 Receiver Sensitivity for 802.11n (2.4 GHz; measured at 2.437 GHz): Typ. -90 dBm @ MCS0 20 MHz  
 Typ. -70 dBm @ MCS7 20 MHz  
 Typ. -87 dBm @ MCS0 40 MHz  
 Typ. -69 dBm @ MCS7 40 MHz  
 WLAN Operation Mode: Access point; Client; Client-Router; Master; Slave; Sniffer  
 Antenna: External, 2/2 dBi; Omni-directional  
 Antenna Connectors: 2 RP-SMA female  
 Ethernet Standards: IEEE 802.3 for 10BaseT  
 IEEE 802.3u for 100BaseT(X)  
 IEEE 802.3ab for 1000BaseT(X)  
 IEEE 802.3af for PoE  
 IEEE 802.3at for PoE  
 IEEE 802.3az for Energy-Efficient Ethernet  
 IEEE 802.1Q for VLAN Tagging  
 IEEE 802.1X for authentication  
 10/100/1000BaseT(X) Ports (RJ45 connector): 1 PoE Ports (10/100/1000BaseT(X), RJ45 connector): 1 Ethernet Software Features  
 Management: DHCP Server; DHCP Client; DNS; HTTP; IPv4; LLDP; SMTP; SNMPv1/v2c/v3; Syslog; TCP/IP; Telnet; UDP; VLAN; MXconfig  
 Routing: Port forwarding; Static Route; NAT  
 Security: HTTPS/SSL; RADIUS; SSH; Certificate Management  
 Time Management: SNTP Client  
 Firewall Filter: ICMP; MAC address; IP protocol; Port-based; Wi-Fi ACL; Client Isolation  
 Serial Interface Console Port: RS-232; 8-pin RJ45  
 USB Interface Storage Port: USB Type A  
 LED Interface LED Indicators: PWR1, PWR2, PoE, SYS, 2.4G, 5G, LAN1, LAN2  
 Input/Output Interface Digital Inputs: 2 Max. input current: 8 mA+13 to +30 V for state 1+3 to -30 V for state 0  
 Alarm Contact Channels: Relay output with current carrying capacity of 1 A @ 24 VDC  
 Buttons: Reset button  
 Physical Characteristics Housing: Metall  
 IP Rating: IP30  
 Dimensions: 45 x 130 x 100 mm (1.77 x 5.12 x 3.94 in)  
 Weight: 700 g (1.5 lb)  
 Installation: DIN-rail mounting; Wall mounting (with optional kit)  
 Power Parameters Input Current: 12-48 VDC, 2.2-0.5 A  
 Input Voltage: 12 to 48 VDC; Redundant dual inputs; 48 VDC Power-over-Ethernet  
 Power Connector: 1 removable 10-contact terminal block(s)  
 Power Consumption: 28.4 W (max.)  
 Environmental Limits Operating Temperature: -40 to 75°C (-40 to 167°F)  
 Storage Temperature (package included): -40 to 85°C (-40 to 185°F)  
 Ambient Relative Humidity: 5 to 95% (non-condensing)  
 Standards and Certifications EMC: EN 61000-6-2/-6-4; EN 55032/35EMC: CISPR 32, FCC Part 15B Class A  
 EMS: IEC 61000-4-2 ESD: Contact: 8 kV; Air: 15 kV  
 IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m  
 IEC 61000-4-4 EFT: Power: 2 kV; Signal: 2 kV  
 IEC 61000-4-5 Surge: Power: 2 kV; Signal: 1 kV  
 IEC 61000-4-6 CS: 10 V/m  
 IEC 61000-4-8 PFMF: 30 A/m  
 Safety: IEC 60950-1; IEC 62368-1; UL 62368-1  
 Hazardous Locations: ATEX; Class I Division 2; IECEx  
 Road Vehicles: E mark E1  
 Vibration: IEC 60068-2-6  
 Radio: EN 300 328, EN 301 489-1/17, EN 301 893, ANATEL, FCC, MIC, NCC, RCM, SRRC, WPC, KC, NBTC, IC  
 Industrial Cybersecurity: IEC 62443-4-1; IEC 62443-4-2  
 MTBF Time: 653,801 hrs  
 Standards: Telcordia SR332

### Specifications

Scan this QR code to view the product  
All details, up-to-date prices and availability

