



Omada

Business Class Wi-Fi Solution

Omada Cloud Controller:

OC200

Omada EAP Series:

EAP245/EAP225/EAP225-Outdoor/EAP235-Wall/EAP225-Wall

EAP115/EAP110/EAP110-Outdoor/EAP115-Wall



Omada Software Controller



EAP245 V3/EAP225 V3
EAP115/EAP110



EAP225-Outdoor
EAP110-Outdoor



EAP115-Wall



EAP235-Wall
EAP225-Wall

Specifications

| Omada Cloud Controller | | |
|---------------------------|--------------------------|--|
| Product Picture | |  |
| Model | | OC200 |
| Product Description | | Omada Cloud Controller |
| Main Design | Processor | Dual-Core Cortex-A53, 1 GHz |
| | Memory Information | 1 GB DDR3 |
| | Storage | 4 GB EMMC |
| | Interface | 2 10/100 Mbps Ethernet Ports; 1 USB 2.0 Port; 1 Micro USB Port |
| Hardware Design | Power Supply | 802.3af/802.3at PoE; Micro USB (DC 5V/Minimum 1A) |
| | Dimensions | 100 × 98 × 25 mm |
| AP Management | Supported AP | TP-Link Omada EAP Series |
| | AP Automatic Discovery | • |
| | AP Unified Configuration | • |
| | L3 Management | • |
| | Reboot Schedule | • |
| Monitoring | Online Firmware Upgrade | • |
| | AP Status | • |
| | Client Status | • |
| | Statistics | • |
| Security | Insight | • |
| | Encryption | WEP/WPA-PSK/WPA2-PSK/WPA/WPA2 |
| | Access Control | • |
| | SSID to VLAN Mapping | • |
| | Management VLAN | • |
| Wireless Function | MAC Filter | • |
| | Captive Portal | SMS, Facebook Wi-Fi, Voucher, Local User, Simple Password, External RADIUS Portal |
| | Seamless Roaming | • |
| | Mesh | • |
| | Band Steering | • |
| | Load Balance | • |
| | Beamforming | • |
| | Rate Limit | Based on SSID/Client |
| Transmit Power Adjustment | • | |
| System Management | Wireless Schedule | • |
| | Backup& Restore | • |
| | Log | • |
| | Auto Backup | • |
| | Cloud Access | • |
| Others | APP Support | • |
| | Certifications | CE, FCC, RoHS |
| Others | Environment | Operating Temperature: 0°C–40°C (32°F–104°F) Storage Temperature: -40°C–70°C (-40°F–158°F) Operating Humidity: 10%–90% non-condensing Storage Humidity: 5%–90% non-condensing |

802.11ac Indoor Access Points

| Model | | EAP245 V3 | EAP225 V3 |
|------------------------|-------------------------------|--|---|
| Name | | AC1750 Wireless MU-MIMO Gigabit Ceiling Mount Access Point | AC1350 Wireless MU-MIMO Gigabit Ceiling Mount Access Point |
| Main Design | LAN Interfaces | 2 10/100/1000 Mbps Ethernet Ports | 1 10/100/1000 Mbps Ethernet Port |
| | Wi-Fi Standards | IEEE 802.11a/b/g/n/ac | |
| | Maximum Data Rate | Up to 450 Mbps (2.4 GHz) + 1300 Mbps (5 GHz) | Up to 450 Mbps (2.4 GHz) + 867 Mbps (5 GHz) |
| | Internal Antennas | 2.4 GHz: 3 x 3.5 dBi, 5 GHz: 3 x 4 dBi | 2.4 GHz: 3 x 4 dBi, 5 GHz: 2 x 5 dBi |
| | Transmit Power | CE: <20 dBm (2.4 GHz, EIRP) <28 dBm (5 GHz, EIRP) FCC: <24 dBm (2.4 GHz) <24 dBm (5 GHz) | CE: <20 dBm (2.4 GHz, EIRP) <27 dBm (5 GHz, EIRP) FCC: <24 dBm(2.4 GHz) <22 dBm(5 GHz) |
| Centralized Management | Omada Controller Software | • | |
| | Omada Cloud Controller OC200 | • | |
| | Omada app | • | |
| Security | Captive Portal Authentication | • | |
| | Access Control | • | |
| | Rogue AP Detection | • | |
| | Wireless Encryption | WEP, WPA/WPA2-Personal/Enterprise Encryption | |
| | 802.1X Support | • | |
| Wireless Function | Multiple SSIDs | 16 (8 on each band) | |
| | Automatic Channel Assignment | • | |
| | QoS(WMM) | • | |
| | MU-MIMO | • | |
| | Seamless Roaming | • | |
| | Airtime Fairness | • | |
| | Beamforming | • | |
| | Band Steering | • | |
| | Rate Limit | • | |
| | Load Balance | • | |
| | RADIUS Accounting | • | |
| | MAC Authentication | • | |
| | Mesh | - | • |
| | Reboot Schedule | • | |
| Wireless Schedule | • | | |
| Support Data Rates | 802.11ac | 5 GHz:6.5 Mbps to 1300 Mbps (MCS0-MCS9,NSS = 1 to 3 VHT20/40/80) | 5 GHz:6.5 Mbps to 867 Mbps (MCS0-MCS9,NSS = 1 to 2 VHT20/40/80) |
| | 802.11n | 6.5 Mbps to 450 Mbps (MCS0-MCS23, HT20/40) | 6.5 Mbps to 450 Mbps (MCS0 - MCS23, HT20/40) |
| | 802.11g | 6, 9, 12, 18, 24, 36, 48, 54 Mbps | |
| | 802.11b | 1, 5.5, 11 Mbps | |
| | 802.11a | 6, 9, 12, 18, 24, 36, 48, 54 Mbps | |
| Physical & Environment | Power Supply | 802.3af PoE or 48 V Passive PoE (+4,5 pins; -7,8 pins. PoE Adapter Included) | 802.3af PoE or 24 V Passive PoE (+4,5 pins; -7,8 pins. PoE Adapter Included) |
| | Maximum Power Consumption | 12.3 W | 12.6 W |
| | Mounting | Ceiling/Wall mounting (Kits included) | |
| | Certifications | CE, FCC, RoHS | |
| | Dimensions (W x D x H) | 205.4 x 181.6 x 37.4 mm | |
| | Environment | Operating Temperature: 0 °C–40 °C (32 °F–104 °F) Storage Temperature: -40 °C–70 °C (-40 °F–158 °F) Operating Humidity: 10%–90% non-condensing Storage Humidity: 5%–90% non-condensing | |