

Omada

Business Cloud SDN Solution

Omada EAP - Business Wi-Fi Series:

EAP690E HD / EAP670 / EAP660 HD / EAP653 / EAP650 / EAP620 HD / EAP613 / EAP610 / EAP265 HD / EAP245 / EAP225 / EAP223 / EAP115 / EAP110 / EAP655-Wall / EAP650-Wall / EAP615-Wall / EAP235-Wall / EAP230-Wall / EAP225-Wall / EAP115-Wall / EAP650-Outdoor / EAP610-Outdoor / EAP225-Outdoor / EAP110-Outdoor



Omada SDN Controller



EAP690E HD
EAP670
EAP660 HD



EAP655-Wall



EAP615-Wall
EAP235-Wall
EAP225-Wall



EAP650-Outdoor
EAP610-Outdoor



EAP265 HD
EAP245



EAP650-Wall




EAP230-Wall
EAP115-Wall










EAP225-Outdoor
EAP110-Outdoor

EAP Product List

Ceiling Mount 802.11ax Wi-Fi 6E AP

| | |
|-------------------|--|
| Picture |  |
| Model | EAP690E HD |
| Product | AXE11000 Ceiling Mount Quad-Band Wi-Fi 6E Access Point |
| Speed | 2.4 GHz: 1148 Mbps, 5 GHz-1: 2402 Mbps, 5 GHz-2: 2402 Mbps, 6 GHz: 4804 Mbps |
| Ethernet Port | 1x 10Gbps Ethernet Port |
| Power Supply | 802.3bt PoE or 12V/4.5A DC |
| Internal Antennas | 2.4 GHz: 4 × 4.0 dBi, 5 GHz-1: 4 × 5.0 dBi (Smart Antennas), 5 GHz-2: 4 × 5.5 dBi (Smart Antennas), 6 GHz: 4 × 5.0 dBi |

Ceiling Mount 802.11ax Wi-Fi 6 AP

| | | | | | | | |
|-------------------|---|---|---|--|--|---|---|
| Picture |  |  |  |  |  |  |  |
| Model | EAP670 | EAP660 HD | EAP653 | EAP650 | EAP620 HD | EAP613 | EAP610 |
| Product | AX5400 Ceiling Mount Dual-Band Wi-Fi 6 Access Point | AX3600 Ceiling Mount Dual-Band Wi-Fi 6 Access Point | AX3000 Ceiling Mount Dual-Band Wi-Fi 6 Access Point | AX3000 Ceiling Mount Dual-Band Wi-Fi 6 Access Point | AX1800 Ceiling Mount Dual-Band Wi-Fi 6 Access Point | AX1800 Ceiling Mount Dual-Band Wi-Fi 6 Access Point | AX1800 Ceiling Mount Dual-Band Wi-Fi 6 Access Point |
| Speed | 2.4 GHz: 574 Mbps 5 GHz: 4804 Mbps | 2.4 GHz: 1148 Mbps 5 GHz: 2402 Mbps | 2.4 GHz: 574 Mbps 5 GHz: 2402 Mbps | 2.4 GHz: 574 Mbps 5 GHz: 2402 Mbps | 2.4 GHz: 574 Mbps 5 GHz: 1201 Mbps | 2.4 GHz: 574 Mbps 5 GHz: 1201 Mbps | 2.4 GHz: 574 Mbps 5 GHz: 1201 Mbps |
| Ethernet Port | 1x 2.5Gbps Ethernet Port | 1x 2.5Gbps Ethernet Port | 1x Gigabit Ethernet Port | 1x Gigabit Ethernet Port | 1x Gigabit Ethernet Port | 1x Gigabit Ethernet Port | 1x Gigabit Ethernet Port |
| Power Supply | 802.3at PoE or 12V/1.5A DC | 802.3at PoE or 12V/2A DC | EU: 48V Passive PoE or 802.3at PoE or 12V/1A DC US: 48V Passive PoE or 802.3at PoE or 12V/1.5A DC PoE Adapter Is Not Included | EU: 48V Passive PoE or 802.3at PoE or 12V/1A DC US: 48V Passive PoE or 802.3at PoE or 12V/1.5A DC | V2: 48V Passive PoE or 802.3at PoE or 12V/1A DC V3: 48V Passive PoE or 802.3at PoE or 12V/1.5A DC | 48V Passive PoE or 802.3at PoE or 12V/1A DC PoE Adapter Is Not Included | V1 & V3: 48V Passive PoE or 802.3at PoE or 12V/1A DC V2: 48V Passive PoE or 802.3at PoE or 12V/1.5A DC |
| Internal Antennas | 2.4 GHz: 2x 4 dBi 5 GHz: 4x 5 dBi | 2.4 GHz: 4x 4 dBi 5 GHz: 4x 5 dBi | 2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi | 2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi | 2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi | 2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi | 2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi |

Ceiling Mount 802.11ax Wi-Fi 6 AP

| Model | | EAP670 | EAP660 HD | EAP653 | EAP650 | EAP620 HD | EAP613 | EAP610 |
|------------------------|------------------------------------|---|--|--|---|--|---|---|
| Name | | AX5400 Ceiling Mount Dual-Band Wi-Fi 6 Access Point | AX3600 Ceiling Mount Dual-Band Wi-Fi 6 Access Point | AX3000 Ceiling Mount Dual-Band Wi-Fi 6 Access Point | AX3000 Ceiling Mount Dual-Band Wi-Fi 6 Access Point | AX1800 Ceiling Mount Dual-Band Wi-Fi 6 Access Point | AX1800 Ceiling Mount Dual-Band Wi-Fi 6 Access Point | AX1800 Ceiling Mount Dual-Band Wi-Fi 6 Access Point |
| Main Design | LAN Interfaces | 1x 2.5Gbps Ethernet Port | 1x 2.5Gbps Ethernet Port | 1x Gigabit Ethernet Port | 1x Gigabit Ethernet Port | 1x Gigabit Ethernet Port | 1x Gigabit Ethernet Port | 1x Gigabit Ethernet Port |
| | Wi-Fi Standards | IEEE 802.11 a/b/g/n/ac/ax | | | | | | |
| | Maximum Data Rate | 574 Mbps (2.4 GHz) +4804 Mbps (5 GHz) | 1148 Mbps (2.4 GHz) +2402 Mbps (5 GHz) | 574 Mbps (2.4 GHz) +2402 Mbps (5 GHz) | 574 Mbps (2.4 GHz) +2402 Mbps (5 GHz) | 574 Mbps (2.4 GHz) +1201 Mbps (5 GHz) | 574 Mbps (2.4 GHz) +1201 Mbps (5 GHz) | 574 Mbps (2.4 GHz) +1201 Mbps (5 GHz) |
| | Concurrent Clients | 250+ | 1000+ | 250+ | 250+ | 1000+ | 250+ | 250+ |
| | Antennas | 2.4 GHz: 2x 4 dBi 5 GHz: 4x 5 dBi | 2.4 GHz: 4x 4 dBi 5 GHz: 4x 5 dBi | 2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi | 2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi | 2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi | 2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi | 2.4 GHz: 2x 4 dBi 5 GHz: 2x 5 dBi |
| | Transmit Power | CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, band 1&band 2, EIRP); < 30 dBm (5 GHz, band 3, EIRP); FCC: < 25 dBm (2.4 GHz); < 28 dBm (5 GHz) | CE: < 20 dBm (2.4GHz, EIRP); < 23dBm (5 GHz, band1&band 2, EIRP);< 30 dBm (5 GHz,band 3, EIRP); FCC: < 26 dBm (2.4 GHz); < 26 dBm (5 GHz) | CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, band 1/2, EIRP); < 27 dBm (5 GHz, band 3, EIRP); FCC: < 22 dBm (2.4 GHz); < 22 dBm (5 GHz) | CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, band 1&band 2, EIRP); < 30 dBm (5 GHz, band 3, EIRP); FCC: < 25 dBm (2.4 GHz); < 25 dBm (5 GHz) | CE: < 20 dBm (2.4GHz, EIRP); < 23dBm (5 GHz, band1&band 2, EIRP);< 30 dBm (5 GHz,band 3, EIRP); FCC: < 25 dBm (2.4 GHz); < 25 dBm (5 GHz) | CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, band 1&band 2, EIRP); < 30 dBm (5 GHz, band 3, EIRP); FCC: < 25 dBm (2.4 GHz); < 25 dBm (5 GHz) | CE: < 20 dBm (2.4 GHz, EIRP); < 23 dBm (5 GHz, band 1&band 2, EIRP); < 30 dBm (5 GHz, band 3, EIRP); FCC: < 25 dBm (2.4 GHz); < 25 dBm (5 GHz) |
| Centralized Management | Omada Software Controller | • | | | | | | |
| | Omada Hardware Controller | • | | | | | | |
| | Omada APP | • | | | | | | |
| Security | Captive Portal Authentication | • | | | | | | |
| | Access Control | • | | | | | | |
| | Maximum number of MAC Filter | 4000 | | | | | | |
| | Wireless Isolation between Clients | • | | | | | | |
| | VLAN | • | | | | | | |
| | Rogue AP Detection | • | | | | | | |
| | Wireless Encryption | WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise | | | | | | |
| 802.1X Support | • | | | | | | | |

Ceiling Mount 802.11ax Wi-Fi 6 AP

| Model | | EAP670 | EAP660 HD | EAP653 | EAP650 | EAP620 HD | EAP613 | EAP610 |
|----------------------|-------------------------------|--|--|--|--|--|--|--|
| Wireless Function | Multiple SSIDs | 16 (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 | • | | | | | | |
| | Mesh | • | | | | | | |
| | Beamforming | • | | | | | | |
| | MU-MIMO | • | | | | | | |
| | Rate Limit | Based on SSID/Client | | | | | | |
| | Load Balance | • | | | | | | |
| | Airtime Fairness | • | | | | | | |
| | Band Steering | • | | | | | | |
| | RADIUS Accounting | • | | | | | | |
| | MAC Authentication | • | | | | | | |
| | Reboot Schedule | • | | | | | | |
| | Wireless Schedule | • | | | | | | |
| Wireless Statistics | • | | | | | | | |
| Static IP/Dynamic IP | • | | | | | | | |
| Support Data Rates | 802.11ax | 8 Mbps to 4804 Mbps (MCS0-MCS11, NSS = 1 to 4 HE20/40/80/160) | 8 Mbps to 2402 Mbps (MCS0-MCS11, NSS = 1 to 4 HE20/40/80) | 8 Mbps to 2402 Mbps (MCS0-MCS11, NSS = 1 to 2 HE20/40/80/160) | 8 Mbps to 2402 Mbps (MCS0-MCS11, NSS = 1 to 2 HE20/40/80/160) | 8 Mbps to 1201 Mbps (MCS0-MCS11, NSS = 1 to 2 HE20/40/80) | 8 Mbps to 1201 Mbps (MCS0-MCS11, NSS = 1 to 2 HE20/40/80) | 8 Mbps to 1201 Mbps (MCS0-MCS11, NSS = 1 to 2 HE20/40/80) |
| | 802.11ac | 6.5 Mbps to 4333.3 Mbps (MCS0-MCS11, NSS = 1 to 4 VHT20/40/80/160) | 6.5 Mbps to 2166.7 Mbps (MCS0-MCS11, NSS = 1 to 4 VHT20/40/80) | 6.5 Mbps to 2166.7 Mbps (MCS0-MCS11, NSS = 1 to 2 VHT20/40/80/160) | 6.5 Mbps to 2166.7 Mbps (MCS0-MCS11, NSS = 1 to 2 VHT20/40/80/160) | 6.5 Mbps to 1083.3 Mbps (MCS0-MCS11, NSS = 1 to 2 VHT20/40/80) | 6.5 Mbps to 1083.3 Mbps (MCS0-MCS11, NSS = 1 to 2 VHT20/40/80) | 6.5 Mbps to 1083.3 Mbps (MCS0-MCS11, NSS = 1 to 2 VHT20/40/80) |
| | 802.11n | 6.5 Mbps to 600 Mbps (MCS0-MCS31, HT20/40) | 6.5 Mbps to 600 Mbps (MCS0-MCS31, HT20/40) | 6.5 Mbps to 300 Mbps (MCS0-MCS15, HT20/40) | 6.5 Mbps to 300 Mbps (MCS0-MCS15, HT20/40) | 6.5 Mbps to 300 Mbps (MCS0-MCS15, HT20/40) | 6.5 Mbps to 300 Mbps (MCS0-MCS15, HT20/40) | 6.5 Mbps to 300 Mbps (MCS0-MCS15, HT20/40) |
| | 802.11g | 6, 9, 12, 18, 24, 36, 48, 54 Mbps | | | | | | |
| | 802.11b | 1, 2, 5.5, 11 Mbps | | | | | | |
| | 802.11a | 6, 9, 12, 18, 24, 36, 48, 54 Mbps | | | | | | |
| | 802.11ax | 6, 9, 12, 18, 24, 36, 48, 54 Mbps | | | | | | |
| Management | LED ON/OFF Control | • | | | | | | |
| | Management MAC Access Control | • | | | | | | |
| | Web-based Management | • | | | | | | |
| | SNMP | v1, v2c, v3 | | | | | | |
| | SSH | • | | | | | | |
| | Restore & Backup | • | | | | | | |
| | Firmware update via Web | • | | | | | | |
| | NTP | • | | | | | | |
| | System Log | • | | | | | | |
| Email Alerts | • | | | | | | | |

Ceiling Mount 802.11ax Wi-Fi 6 AP

| Model | EAP670 | EAP660 HD | EAP653 | EAP650 | EAP620 HD | EAP613 | EAP610 | |
|------------------------|---------------------------|--|--|---|--|--|--|---|
| Physical & Environment | Power Supply | 802.3at PoE or 12V/1.5A DC | 802.3at PoE or 12V/2A DC | EU: 48V Passive PoE or 802.3at PoE or 12V/1A DC US: 48V Passive PoE or 802.3at PoE or 12V/1.5A DC PoE Adapter Is Not Included | EU: 48V Passive PoE or 802.3at PoE or 12V/1A DC US: 48V Passive PoE or 802.3at PoE or 12V/1.5A DC | V2: 48V Passive PoE or 802.3at PoE or 12V/1A DC V3: 48V Passive PoE or 802.3at PoE or 12V/1.5A DC | 48V Passive PoE or 802.3at PoE or 12V/1A DC PoE Adapter Is Not Included | V1 & V3: 48V Passive PoE or 802.3at PoE or 12V/1A DC V2: 48V Passive PoE or 802.3at PoE or 12V/1.5A DC |
| | Maximum Power Consumption | EU: 18.5 W (For PoE); 15 W (for DC) US: 19.8 W (For PoE); 17.8 W (for DC) | EU: 18.5 W (For PoE); 15 W (for DC) US: 22.5 W (For PoE); 18 W (for DC) | EU: 13.07 W (For PoE); 11.76 W (for DC) US: 13.98 W (For PoE); 12.58 W (for DC) | EU: 13.5 W (For PoE); 12.0 W (for DC) US: 14.7 W (For PoE); 13.25 W (for DC) | V2: EU: 12.8 W (For PoE); 10.8 W (for DC) US: 13.9 W (For PoE); 11.8 W (for DC) V3: EU: 14.4 W (For PoE); 13.1 W (for DC) US: 14.9 W (For PoE); 13.4 W (for DC) | EU: 10.6W (For PoE); 9.6W (for DC) US: 10.9W (For PoE); 9.8W (for DC) | V1: EU: 12.8 W (For PoE); 10.8 W (for DC) US: 13.9 W (For PoE); 11.8 W (for DC) V2: EU: 13.7 W (For PoE); 12.3 W (for DC) US: 14.2 W (For PoE); 12.8 W (for DC) V3: EU: 10.6W (For PoE); 9.6W (for DC) US: 10.9W (For PoE); 9.8W (for DC) |
| | Reset | • | | | | | | |
| | Mounting | Ceiling / Wall mouting (Kits included) | | Ceiling / Wall mouting (Kits included) / Junction Box mouting | | | | |
| Others | Certifications | CE, FCC, RoHS, IC | | | | | | |
| | Dimensions (W x D x H) | 243 x 243 x 64 mm | 243 x 243 x 64 mm | 160 x 160 x 33 mm | 160 x 160 x 33 mm | 160 x 160 x 33 mm | 160 x 160 x 33 mm | 160 x 160 x 33 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; | | | | | | |