



omada

Business Cloud SDN Solution

Omada EAP - Business Wi-Fi Series:

EAP660 HD / EAP620 HD / EAP265 HD / EAP245 / EAP225 / EAP115 / EAP110 /
EAP235-Wall / EAP230-Wall / EAP225-Wall / EAP115-Wall /
EAP225-Outdoor / EAP110-Outdoor



Omada Solution



Hospitality
High Quality and Full Coverage Wi-Fi

Education
High-Density Wi-Fi

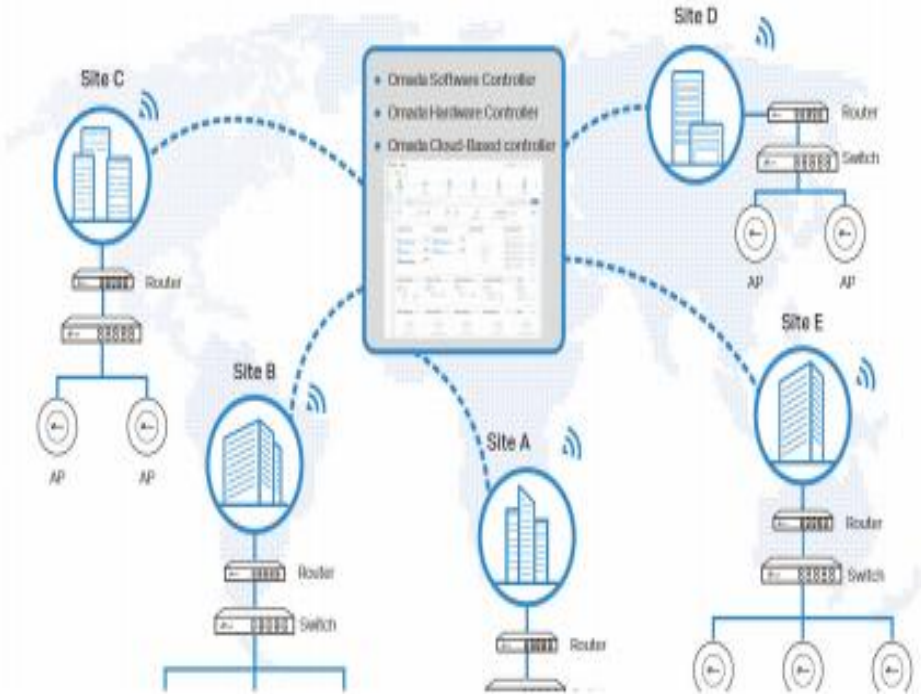
Retail
Social Marketing for C20

Office
Wireless and Wired Connections

Catering
Full Wi-Fi Coverage in High-Density Environment

Software Defined Networking (SDN) with Cloud Access

Omada Software Defined Networking (SDN) platform integrates network devices, including access points, switches and gateways, providing 100% centralized cloud management. Omada creates a highly scalable network—all controlled from a single interface. Seamless wireless and wired connections are provided, ideal for use in hospitality, education, retail, offices, and more.



Hassle-Free Centralized Cloud Management

100% centralized cloud management of the whole network from different sites—all controlled from a single interface anywhere, anytime.



- ✓ No additional training needed
- ✓ Unlimited scalability

- ✓ Batch management
- ✓ Devices still work even when not connected to the Cloud

Easy and Intelligent Network Monitoring

The easy-to-use dashboard makes it easy to see your real-time network status; check network usage and traffic distribution; receive network condition logs, abnormal event warnings, and notifications; or even track key data for better business results. Network topology helps IP admins quickly see and troubleshoot connection at a glance.



Comprehensive Protection for the Whole Network

AI-Driven Technology for Stronger Performance and Easy Network Maintenance

Intelligent Network Analysis, Warning, and Optimization*

- Analyzes potential network problems and sends optimization suggestions for higher network efficiency
- Locates network faults, warns and notify users, and generates solutions to reduce network risk



*Intelligent Network Analysis, Warning, and Optimization are being developed and are scheduled to be released in 2020

Auto Channel Selection and Power Adjustment

Provides powerful wireless performance while greatly reducing Wi-Fi interference by automatically adjusting the channel settings and transmission power levels of neighboring APs in the same network.







● Channel 1 ● Channel 11 ● Channel 6

Assign Different Management Roles

Multi-tenant privilege assignment is available to increase management efficiency and security. Multi-person management, multi-level permissions, and the ability to add admins as needed, enable flexible network operation and maintenance.

EAP Product List

Ceiling Mount AP							
Picture							
Model	EAP660 HD	EAP620 HD	EAP265 HD	EAP245	EAP225	EAP115	EAP110
Product	AX3600 Wireless Dual-Band Multi-Gigabit Ceiling Mount Access Point	AX1800 Wireless Dual-Band Gigabit Ceiling Mount Access Point	AC1750 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	AC1750 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	AC1350 Wireless MU-MIMO Gigabit Ceiling Mount Access Point	300Mbps Wireless N Ceiling Mount Access Point	300Mbps Wireless N Ceiling Mount Access Point
Speed	2.4 GHz: 4*4 11ax, 1148 Mbps 5 GHz: 4*4 11ax, 2402 Mbps	2.4 GHz: 2*2 11ax, 574 Mbps 5 GHz: 2*2 11ax, 1201 Mbps	2.4 GHz: 450Mbps 5 GHz: 1300Mbps	2.4 GHz: 450Mbps 5 GHz: 1300Mbps	2.4 GHz: 450Mbps 5 GHz: 867Mbps	2.4 GHz: 300Mbps	2.4 GHz: 300Mbps
Ethernet Port	1 x 2.5Gbps Ethernet Port	1 x Gigabit Ethernet Port	2 x Gigabit Ethernet Port	2 x Gigabit Ethernet Port	1 x Gigabit Ethernet Port	1 x 10/100Mbps Ethernet Port	1 x 10/100Mbps Ethernet Port
Power Supply	802.3af PoE / 12V DC	802.3af PoE / 12V DC	802.3af PoE / 48 V Passive PoE	802.3af PoE / 48 V Passive PoE	802.3af PoE / 24V Passive PoE	802.3af PoE / External 9 W0.6 A DC power supply	24V Passive PoE
Internal Antennas	2.4 GHz: 4 x 5 dBi 5 GHz: 4 x 6 dBi	2.4 GHz: 2 x 5 dBi 5 GHz: 2 x 6 dBi	2.4 GHz: 3 x 3.5 dBi 5 GHz: 3 x 4 dBi	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	2 x 4 dBi	2 x 4 dBi

Wall Plate AP				
Picture				
Model	EAP235-Wall	EAP230-Wall	EAP225-Wall	EAP115-Wall
Product	Omada AC1200 Wireless MU-MIMO Gigabit Wall-Plate Access Point	Omada AC1200 Wireless MU-MIMO Gigabit Wall-Plate Access Point	Omada AC1200 Wireless MU-MIMO Wall-Plate Access Point	300Mbps Wireless N Wall-Plate Access Point
Speed	2.4 GHz: 300 Mbps 5 GHz: 867 Mbps	2.4 GHz: 300 Mbps 5 GHz: 867 Mbps	2.4 GHz: 300 Mbps 5 GHz: 867 Mbps	2.4 GHz: 300 Mbps
Ethernet Port	4 x 10/100/1000 Mbps RJ45 Ports	2 x 10/100/1000 Mbps RJ45 Ports	4 x 10/100 Mbps RJ45 Ports	2 x 10/100 Mbps RJ45 Ports
Power Supply	802.3af/at PoE	802.3af/at PoE	802.3af/at PoE	802.3af PoE
Internal Antennas	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 4 dBi	2.4 GHz: 2 x 4 dBi 5 GHz: 2 x 3.6 dBi	2.4 GHz: 2 x 3 dBi 5 GHz: 2 x 4 dBi	2 x 1.8 dBi

Specifications

Ceiling Mount 802.11ax AP		CAP660 HD	CAP600 HD
Model		CAP660 HD	CAP600 HD
Name		AX1600 Wireless Dual-Band Multi-Gigabit Ceiling Mount Access Point	AX1600 Wireless Dual-Band Gigabit Ceiling Mount Access Point
Main Design	LAN Interfaces	1 x 2.5Gbps Ethernet Port	1 x Gbps Ethernet Port
	Wi-Fi Standards	IEEE 802.11ax/802.11g/b/n	
	Maximum Data Rate	1148 Mbps (2.4 GHz) +2400 Mbps (5 GHz)	674 Mbps (2.4 GHz) +1200 Mbps (5 GHz)
	Antennas	2.4 GHz: 4 x 5 dBi 5 GHz: 4 x 6 dBi	2.4 GHz: 3 x 5 dBi 5 GHz: 3 x 6 dBi
	Transmit Power	CE: < 20 dBm (2.4 GHz, ERP) < 20 dBm (5 GHz, ERP) FCC: < 24 dBm (2.4 GHz); < 24 dBm (5 GHz)	CE: < 20 dBm (2.4 GHz, ERP) < 20 dBm (5 GHz, ERP) FCC: < 20 dBm (2.4 GHz); < 20 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	WEP, WPA, Personal/Enterprise, WPA2, Personal/Enterprise, WPA3, Personal/Enterprise	
	802.1X Support	■	
Wireless Function	Multiple SSIDs	16 (6 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	■		