Omada Controllers — Flexible Options for Centralized Cloud Management

Omada provides two ways of management—Cloud-Based Controller (completely in the cloud) and Hybrid-Cloud Controller (on-premises) with full cloud access, giving you a wide selection and full control of the whole network from the cloud to fit your business needs.

Type	On-Premises Controller (Hybrid Cloud)		Omada Cloud-Based Controller	
	Omada Hardware Controller	Omada Software Controller	Omada Cloud Standard	Omada Cloud Essentials
Pricing	Hardware Costs	Free	Device License Fee	Free
Characteristics	• No Need to Keep Your PC Running • Flexible On-premises and Cloud Management	• No Hardware Investment • Flexible On-premises and Cloud Management	• Advanced Functions for Professional and Comprehensive Network Settings	• Easy Setup, Use, and Maintenance • Essential Features without the Complexity Required by Larger-Scale Operations
Designed for	• Small/Medium Local Networks • Hotels, Retail, MDU, Small to Medium Offices and Schools	• Medium/Large Local Networks • Hotels, Schools, Retail, MDU, Medium to Large Offices	• Medium/Large multi-site networks • Hotels, Schools, Retail, MDU, Medium to Large Offices	• Surveillance Networking • Hostels • Villas / Big Houses • Small Offices
Usage Method	Connect to the intranet	Deploy to intranet servers or private clouds	Log in and use	Log in and use
Management Scale	**OC200/OC220**: ≤ 100 APs + 20 Switches + 10 Gateways **OC300**: ≤ 500 APs + 100 Switches + 100 Gateways **OC400**: ≤ 1000 APs + 200 Switches + 100 Gateways	Unlimited* (Recommend: ≤ 10,000)	Unlimited	Unlimited
Zero-Touch Provisioning	-	-	√	√
MSP Mode for Multi-Customer Management	-	√	√	-
VLAN	√	√	√	√
Port Management	√	√	√	√
PPSK	√	√	√	-
VPN	L2TP / PPTP / SSL / OpenVPN / IPSec / WireGuard VPN			WireGuard VPN
Fast Roaming & Mesh	√	√	√	√
Port Isolation	√	√	√	√
Portal	Simple Password / Voucher / Form Auth / Local User / SMS / Radius Server /External LADP Server / External Portal Server			Simple Password / Voucher / Form Auth
ACL	√	√	√	-
IPS/IDS	√	√	√	-
DPI	-	√	√	-
Topology	√	√	√	√
Troubleshooting	SSH / Network Check / Terminal / Packet Capture			SSH / Network Check / Terminal
WLAN Optimization	√	√	√	-
Open API	√(OC200 doesn't support)	√	√	-