



## Product Comparison Table

### Indoor access point



Model Number	ECW100	ECW5210-L	ECW5211-L	ECW5410-L	EAP100
Wi-Fi	11ac	11ac	11ac wave2	11ac wave2	11ac wave2
Radios	2.4GHz, 5GHz	2.4GHz, 5GHz	2.4GHz, 5GHz, BLE	2.4GHz, 5GHz, BLE	2.4GHz, 5GHz, BLE, LTE (Optional)
MIMO	2x2:2	3x3:3	2x2:2	4x4:4	2x2:2
PoE Specification	802.3af	802.3at	802.3af	802.3at	802.3af
Uplink Ports	1 x GbE (PoE)	1 x GbE (PoE)	1 x GbE (PoE)	1 x GbE (PoE)	1 x GbE (PoE)
LAN Ports	1 x GbE	--	1 x GbE	1 x GbE	1 x GbE
Other Ports	1 x Pass-Through RJ11	--	1 x USB 2.0	1 x RJ45 Console Port 1 x USB 2.0	1 x USB 2.0
Antenna	Built-in	Built-in	Built-in	Built-in	Built-in
ESSIDs	16	32	32	32	32
Max. Power Consumption	8W	17W	9W	22.5W	9W
Mounting	In-Wall	Wall / Ceiling Mount	Wall / Ceiling Mount	Wall / Ceiling Mount	Wall / Ceiling / Pole Mount
Dimensions (H x W x D; cm)	US: 11.5 x 7.0 x 4.0 EU: 8.5 x 8.5 x 4.0	18.0 x 18.0 x 4.4	14.7 x 14.7 x 3.5	19.0 x 19.0 x 3.3	17.6 x 16.2 x 3.3
Weight	0.12 kg	0.61 kg	0.36 kg	0.61 kg	0.42 kg

### Outdoor access point



Model Number	ECW05210-L	ECW05211-L	ECW05212-L	ECW05213-L	OAP100
Wi-Fi	11ac	11ac wave2	11ac	11ac wave2	11ac wave2
Radios	2.4GHz, 5GHz	2.4GHz, 5GHz, BLE	2.4GHz, 5GHz	2.4GHz, 5GHz, BLE	2.4GHz, 5GHz, BLE, LTE (Optional)
MIMO	3x3:3	2x2:2	2x2:2	2x2:2	2x2:2
GPS	--	Yes	--	Yes	Yes
PoE Specification	802.3at	802.3at	802.3at	802.3at	802.3at
Uplink Ports	1 x GbE (PoE)	1 x GbE (PoE)	1 x GbE (PoE)	1 x GbE (PoE)	1 x GbE (PoE)
LAN Ports	1 x GbE (802.3af downlink PoE)	1 x GbE	1 x GbE	1 x GbE	1 x GbE (802.3af downlink PoE)
Other Ports	1 x RJ45 Console Port / 1 x Vent	1 x Vent	1 x Vent	1 x Vent	1 x RJ45 Console Port / 1 x Vent
Antenna	6 x External N-type connectors	4 x External N-type Connectors Built-in Antenna for BLE & GPS	Built-in (2.4GHz) 2 x External RP-SMA Connectors (5GHz)	Built-in (2.4 & 5GHz) Built-in Antenna for BLE & GPS	Option I: Built-in Omni (2.4GHz), Azimuth & Elevation 20° (5GHz) Option II: Built-in Azimuth 130° & Elevation 30° (2.4GHz), Azimuth 90° & Elevation 30° (5GHz) Built-in Antenna for BLE & GPS N-Type Female Connectors (LTE)
ESSIDs	32	32	32	32	32
Max. Power Consumption	22W	20W	16W	20W	27.1W
Mounting	Pole Mount	Pole mount	Wall / Pole mount	Pole mount	Pole mount
IP Rating	IP68	IP68	IP68	IP68	IP68
Dimensions (H x W x D; cm)	25.0 x 20.0 x 7.4	25.0 x 20.0 x 8.0	16.3 x 16.3 x 4.7	25.0 x 20.0 x 8.0	45.0 x 23.0 x 7.0
Weight	2.80 kg	1.49 kg	0.35 kg	1.23 kg	2.10 kg

### Wireless Lan controller



Model Number	EWS101	EWS5203	EWS5204	EWS5207
Managed APs	20	300	1,000	3,000
Local Accounts	2,000	10,000	30,000	30,000
On-Demand Accounts	2,000	10,000	30,000	30,000
Max. Number of Concurrent Users	200	3,000	10,000	30,000
Form Factor	7.5" Desktop	19" Rack-mount (1U)	19" Rack-mount (1U)	19" Rack-mount (2U)
WAN Ports	1 x GbE	2 x GbE or 2 x 1G SFP	2 x GbE ; 2 x 1G SFP	2 x GbE ; 2 x 10G SFP+
LAN Ports	4 x GbE	8 x GbE	6 x GbE ; 2 x 1G SFP	6 x GbE ; 2 x 10G SFP+
High Availability	No	Yes	Yes	Yes
Power	DC Input: 12V / 1A	Input: 100-240 VAC	Input: 100-240 VAC	Input: 100-240 VAC
LED Indicator	Power, Status	Power, Status	Power, HDD	Power, Power Error, HDD, System Standby
Buttons	Reset / Restart	Reset / Restart	Restart	Restart
LCD Display	No	No	Yes	Yes
Operating Temperature	0°C (32°F) ~ 40°C (104°F)	0°C (32°F) ~ 40°C (104°F)	0°C (32°F) ~ 40°C (104°F)	0°C (32°F) ~ 40°C (104°F)
Operating Humidity	5% ~ 95% non-condensing	10% ~ 90% non-condensing	10% ~ 90% non-condensing	10% ~ 90% non-condensing
Dimensions (W x D x H; cm)	19.0 x 13.3 x 3.3	44.0 x 28.0 x 4.4	43.8 x 30.0 x 4.4	43.8 x 47.0 x 8.8
Weight	0.56 kg	2.6 kg	5.2 kg	18.00 kg

\*Capacity limits may vary depending on configuration parameters

### Hotspot gateway & ticketing



Model Number	ECH502
Wireless Standard	11ac wave2
Radios	2.4GHz, 5GHz, BLE
MIMO	2x2:2
ESSIDs	8
Uplink Ports	1 x GbE (PoE)
LAN Ports	1 x GbE
Other Ports	1 x USB 2.0
Mounting	Wall / Ceiling Mount
Authentication Types	802.1X / UAM (browser-based) / IP or MAC-based
Authentication Servers	Local / On-Demand / Guest / RADIUS
Social Media Login	Facebook / Google+ / Line / Open ID
Dimensions (W x D x H; cm)	14.7 x 14.7 x 3.5
Weight	0.55 kg



Model Number	EC-PP200
Power	Input: 24 VDC / 2.5A
Interfaces	Serial: 1 x RS-232 port / RJ45 Ethernet port
Print Method	Thermal line printing
Print Speed	250 mm/sec
Print Life	100 km
Dimensions (W x D x H; cm)	17.6 x 14.6 x 12.4
Operating Temperature	0°C (32°F) to 45°C (113°F)
Operating Humidity	0% to 80% non-condensing

### Private cloud controller



Model Number	EPC1000
Managed APs	10,000
Managed VCs	250
Form Factor	19" Rack-mount (2U)
SFP* Port	4
1GbE Port	8
High Availability	Yes
Power	Input: 100-240 VAC
LED Indicator	Power, Power Error, HDD, System Standby
Buttons	Restart
LCD Display	Yes
Operating Temperature	0°C (32°F) ~ 40°C (104°F)
Operating Humidity	10% ~ 90% non-condensing
Dimensions (W x D x H; cm)	43.8 x 47.0 x 8.8
Weight	19.00 kg



# Integrated Wi-Fi Solution designed for Managed Service Provider (MSPs), Enterprise, and Hotspots



Additional information : Email: sales@edge-core.com  
Tel: +886-3-563-8888 | +1-949-336-6801 (Irvine,CA)

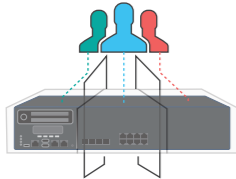



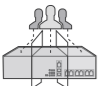

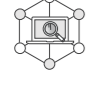

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# Overview

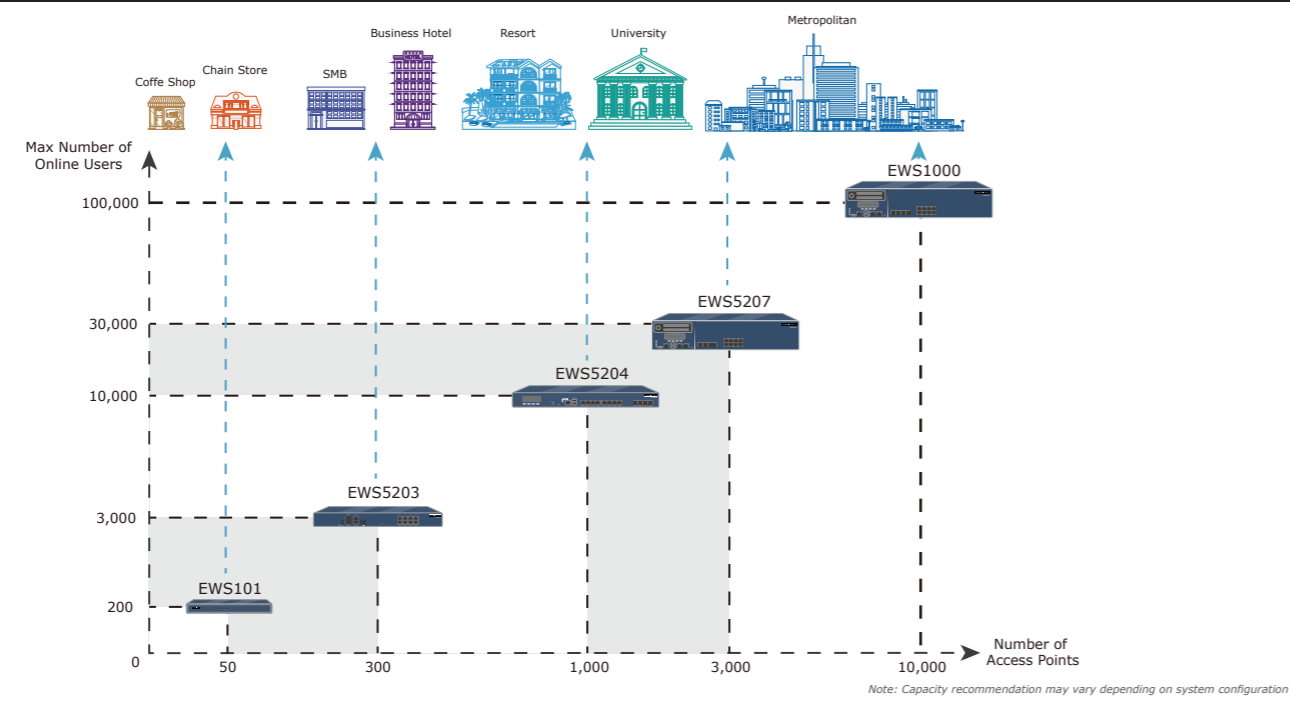
Be connected on the move with high-bandwidth. With fast growing on the smart phone and tablets, people are always looking for high-bandwidth access to share their photo/video on the move. 11ac Wi-Fi became essential and cost-effective infrastructure on different indoor and outdoor environment.

Focusing on enterprise, campus and hospitality market, Edgecore Networks offers the integrated managed Wi-Fi solutions to meet enterprise and hospitality environment with robust Wi-Fi performance, user-friendly and advanced security for users through its affordable controller-based Wi-Fi solutions.

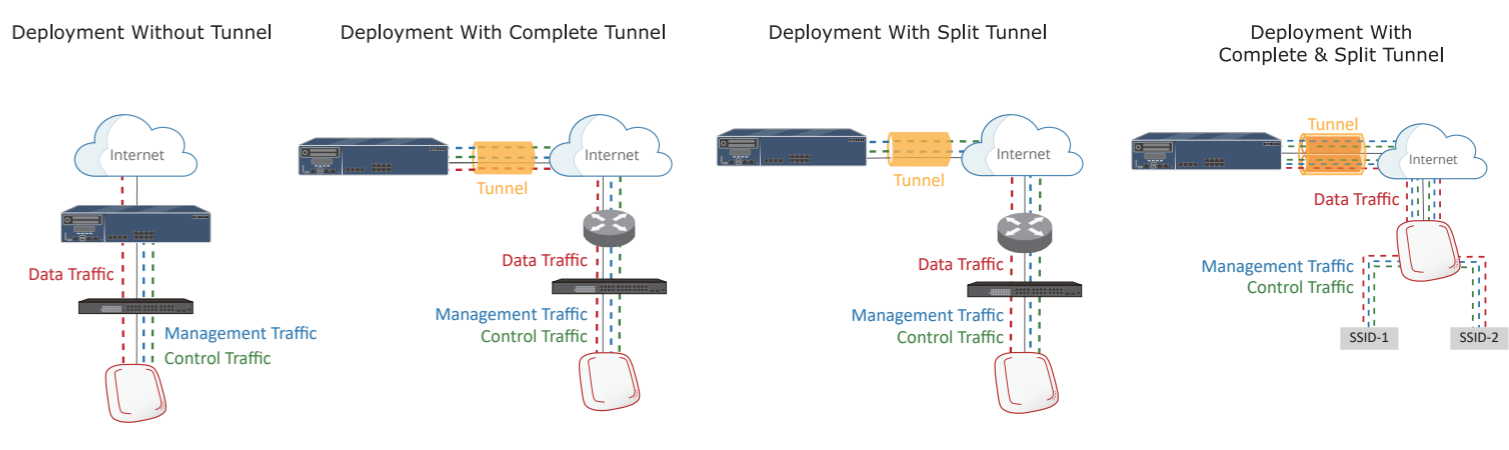
## Features and Benefit

			
<b>Flexible Deployment Architectures</b>	<b>Wi-Fi Management &amp; Optimization</b>	<b>User Access &amp; Bandwidth Control</b>	<b>Guest Wi-Fi with Social Media Login</b>
			
<b>Flexible Deployment</b>	<b>AP Management</b>	<b>User Management</b>	<b>Customized Wi-Fi</b>
Integrated Wi-Fi Management & Access Control	Centralized AP Management	Comprehensive Authentication Mechanisms	Social Media Login
Flexible L2/L3 Deployment	Intelligent Performance Optimization	Role-based User Policies by Location & Schedule	Customizable Captive Portals & Data Collection
Service Zones with Tiered Administrator Privileges	Enterprise-grade Wireless Security	Detailed User Monitoring Logs & Reports	On-demand Accounts with Billing Plans

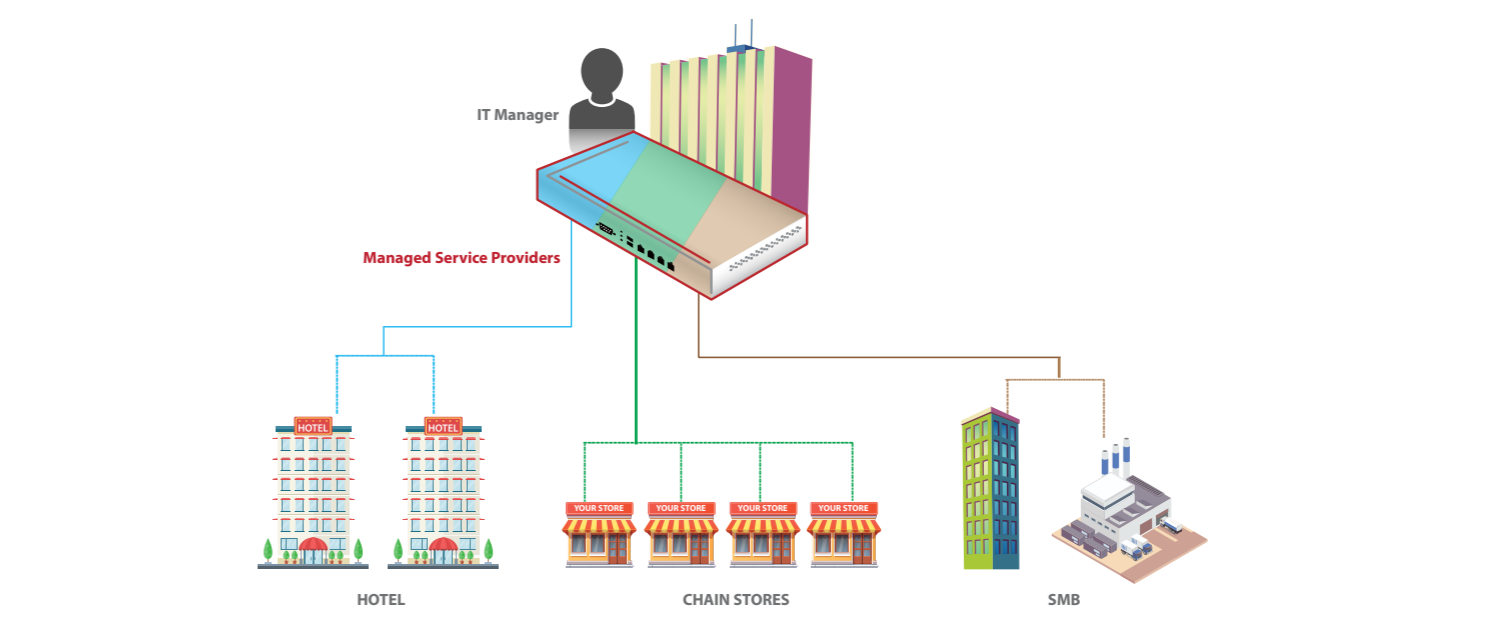
## Gateway-Controller Deployment Guide



## Solution Architecture



## Multi-Tenancy and Managed Services



## Indoor/outdoor wireless AP with controller

