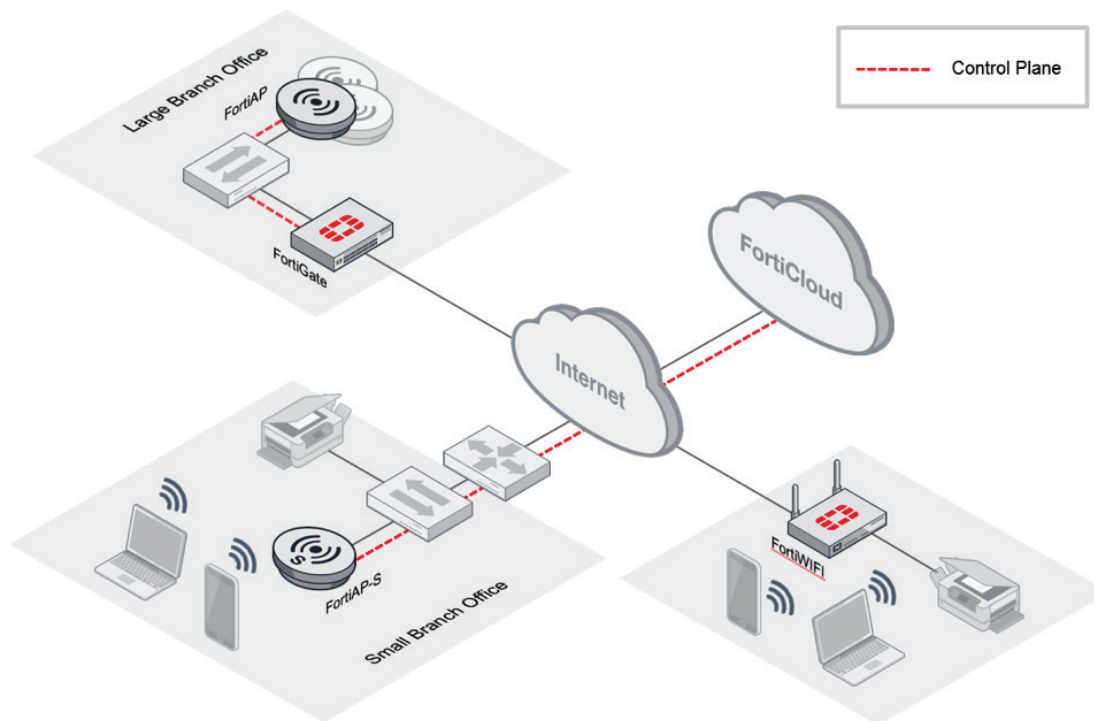


# WIRELESS PRODUCT MATRIX

OCTOBER 2015



## Fortinet Products for Wireless Solution



### Controller Managed Wi-Fi - FortiAP

Combining the FortiGate network security platform together with FortiAP access points, this classic coordinated AP architecture unifies wired and wireless security for large enterprises, hospitals and schools under a “single pane of glass” management interface.

### Cloud-managed Wi-Fi - FortiAP-S

Based on FortiCloud and FortiAP-S series access points, this solution provides complete security at the network edge, making it the industry's most affordable secure Cloud Wi-Fi option for the remote offices of distributed enterprises.

### Secure Wi-Fi Gateways - FortiWiFi

FortiWiFi series appliances consolidate in one platform, a full-featured wireless access point, LAN switch and entry-level FortiGate, to provide an ideal one-box solution for small branch office and small business deployments.







### Presence Analytics - FortiPresence

FortiPresence enables brick-and-mortar retailers to better understand customer behavior, including when they come into the store, how long they stay, and if they are a new or repeat customer. By combining statistical analytics with a sophisticated customer engagement engine, retailers are able to influence customers purchasing decisions to increase sales.






### WLAN Planning Utility - FortiPlanner

FortiPlanner WLAN Planning Utility is a graphical wireless LAN planning and post-deployment site survey utility, designed to simplify WLAN planning and deployment of Fortinet FortiAP based wireless networks.



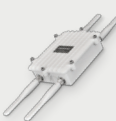


# FortiAP™ Indoor Thin Access Points

	FAP-24D	FAP-221B/223B	FAP-221C/223C	FAP-320B	FAP-320C	FAP-321C
						
<b>Suggested Use Case</b>	Low density indoor	Medium density indoor	Medium density 802.11ac indoor	High density indoor	High density, high performance 802.11ac indoor	Medium density 802.11ac indoor
<b>Hardware</b>						
<b>Form Factor</b>	Desktop, wall mountable	Smoke Detector, wall or ceiling wall mountable	Smoke Detector, wall or ceiling wall mountable	Wall or ceiling wall mountable	Wall or ceiling wall mountable	Smoke Detector, wall or ceiling wall mountable
<b>Dimension</b>	6.69 x 4.37 x 1.02 in	6.5 x 1.2 in	6.5 x 1.5 in	6.5 x 6.5 x 1.6 in	6.5 x 6.5 x 1.4 in	6.5 x 1.5 in
<b>Kensington Lock</b>		•	•	•	•	•
<b>Ethernet Interfaces</b>	1x GE RJ45 WAN port, 4x FE RJ45 LAN ports	1x GE RJ45	1x GE RJ45	2x GE RJ45	2x GE RJ45	1x GE RJ45
<b>PoE</b>	802.3af	802.3af	802.3af	802.3af	802.3af	802.3af
<b>Maximum power draw</b>	12.9 W	12.9 W	12.9 W	12.9W	12.9W	12.9W
<b>Included accessories</b>	Mounting kits	Mounting kits, anchors, antennas for 223B	Mounting kits, anchors, antennas for 223C	Mounting kits, anchors	Mounting kits, anchors	Mounting kits, anchors
<b>Resilient POE backup</b>				•	•	
<b>Plenum installable</b>				•	•	
<b>Mesh capable</b>	•	•	•	•	•	•
<b>Wireless</b>						
<b>IEEE Standard</b>	802.11 a/b/g/n	802.11 a/b/g/n	802.11 a/b/g/n/ac	802.11 a/b/g/n	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac
<b>Number of Radios</b>	1	2	2	2	2	2
<b>Radio 1 Band (association rate)</b>	2.4 GHz / 5 GHz (300 Mbps)	221B: 2.4 GHz / 5GHz, 223B: 5 GHz (300 Mbps)	2.4 GHz / 5GHz (300 Mbps)	2.4 GHz b/g/n (450 Mbps)	2.4 GHz b/g/n (450 Mbps)	2.4 GHz b/g/n (450 Mbps)
<b>Radio 2 Band (association rate)</b>	-	2.4 GHz (300 Mbps)	5GHz a/n/ac (867 Mbps)	5 GHz a/n (450 Mbps)	5 GHz a/n/ac (1300 Mbps)	5 GHz a/n/ac (1300 Mbps)
<b>MIMO</b>	2x2 (dual stream)	2x2 (dual stream)	2x2 (dual stream)	3x3 (3 stream)	3x3 (3 stream)	3x3 (3 stream)
<b>Max / recommended number of concurrent clients</b>	no limit / 30 per radio	no limit / 30 per radio	no limit / 30 per radio	no limit / 50 per radio	no limit / 50 per radio	no limit / 50 per radio
<b>Antenna Type and Count</b>	2 - Internal	221B: 4 - Internal 223B: 4 - External	221C: 4 - Internal 223C: 4 - External	6 - Internal	6 - Internal	6 Internal
<b>Antenna Gain</b>	4.6dBi/(6.3dBi-5GHz)	3dBi/(4dBi-5GHz)	3.5dBi/(6dBi-5GHz)	5dBi/(6dBi-5GHz)	5dBi/(6dBi-5GHz)	4dBi/(5dBi-5GHz)
<b>Max TX Power</b>	18dBm (63mW)	17 dBm (50mW)	20 dBm (100mW)	24 dBm (250mW)	21 dBm (126mW)	20 dBm (100mW)
<b>Number of SSIDs</b>	8 (7 client, 1 monitor)	16 (14 client, 2 monitor)	16 (14 client, 2 monitor)	16 (14 client, 2 monitor)	16 (14 client, 2 monitor)	16 (14 client, 2 monitor)
<b>Traffic Queues</b>	4 queues	4 queues	4 queues	4 queues	4 queues	4 queues
<b>802.11n 20/40MHz HT</b>	•	•	•	•	•	•
<b>802.11n MPDU/MSDU agg</b>	•	•	•	•	•	•
<b>802.11n Dynamic MIMO PS</b>	•	•	•	•	•	•
<b>802.11n LDPC encoding</b>	•	•	•	•	•	•
<b>802.11n MLD, MRC</b>	•	•	•	•	•	•
<b>802.11ac 80 MHz channel</b>			•		•	•
<b>Rogue AP scanning</b>						
<b>Dual Band Scanning</b>	•	•	•	•	•	•
<b>Background Scan</b>		•	•	•	•	•
<b>Full-time dedicated monitor</b>	•	•	•	•	•	•
<b>Single Radio Dual band scanning</b>		•	•			
<b>On-wire MAC address collector</b>		•	•	•	•	•
<b>Management</b>						
<b>WebUI &amp; CLI</b>	•	•	•	•	•	•
<b>External serial console port</b>				•	•	
<b>Controller discovery: DNS, DHCP, over L3 boundary</b>	•	•	•	•	•	•
<b>Cloud Management</b>						
<b>Zero touch deployment (FortiDeploy)</b>	•	•	•	•	•	
<b>Report and Visualization</b>	•	•	•	•	•	
<b>Wireless Configuration</b>	•	•	•	•	•	
<b>Security Configuration</b>						
<b>Certifications</b>						
<b>Wi-Fi Alliance Certified*</b>		•	•	•	•	•
<b>DFS Certified**</b>		221B: Region E, J	Region E, J, T (FAP-221C) Region E, A, J (FAP-223C)	Region E	Region E, J, A, T	Region E, J





# FortiAP™ Remote Thin Access Points

	FAP-11C	FAP-14C	FAP-21D	FAP-25D	FAP-28C
					
<b>Suggested Use Case</b>	Portable AP for traveller	Remote office or SOHO desktop	FortiPresence Sensor or Travel/SOHO (USB powered)	Hotels/Hospitality desktop	Remote office or SOHO desktop
<b>Hardware</b>					
<b>Form Factor</b>	Small, portable	Desktop, wall mountable	Small, portable, wall mountable	Small, portable Powerstrip design, wall mountable	Desktop, wall mountable
<b>Dimension</b>	4.3 x 3.5 x 1.5 in	1.06 x 4.92 x 3.86 in	2.9 x 3.2 x 0.9 in	0.9 x 2.8 x 1.4 in	1.38 x 8.43 x 7.09 in
<b>Kensington Lock</b>					•
<b>Ethernet Interfaces</b>	2x GE RJ45	5x FE RJ45	2 x FE RJ45	1x GE RJ45 WAN, 4x FE RJ45 LAN	10x GE RJ45
<b>PoE</b>					
<b>Maximum power draw</b>					
<b>Included accessories</b>	Power plugs	AC adaptor, Wall mount Kit	AC adaptor, Wall mount Kit	AC adaptor, Wall mount Kit	AC adaptor, Wall mount Kit
<b>Resilient POE backup</b>					
<b>Plenum installable</b>					
<b>Mesh capable</b>	•	•	•	•	•
<b>Wireless</b>					
<b>IEEE Standard</b>	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n	802.11 a/b/g/n	802.11 a/b/g/n
<b>Number of Radios</b>	1	1	1	1	1
<b>Radio 1 Band (association rate)</b>	2.4 GHz b/g/n (150 Mbps)	2.4 GHz b/g/n (150 Mbps)	2.4 GHz b/g/n (300 Mbps)	2.4 GHz / 5GHz (300 Mbps)	2.4 GHz / 5GHz (300 Mbps)
<b>Radio 2 Band (association rate)</b>	-	-	-	-	-
<b>MIMO</b>	1x1 (1 stream)	1x1 (1 stream)	2x2 (dual stream)	2x2 (dual stream)	2x2 (dual stream)
<b>Max / recommended number of concurrent clients</b>	no limit / 5	no limit / 10	no limit / 20	no limit / 20	no limit / 20
<b>Antenna Type and Count</b>	1 - Internal	1 - Internal	2 - Internal	2 - Internal	2 - Internal
<b>Antenna Gain</b>	2dBi	2dBi	2.5dBi	2dBi/3dBi-5GHz	3dBi/(4dBi-5GHz)
<b>Max TX Power</b>	17 dBm (50mW)	17 dBm (50mW)	17 dBm (50mW)	16 dBm (40mW)	17 dBm (50mW)
<b>Number of SSIDs</b>	8 (7 client, 1 monitor)	8 (7 client, 1 monitor)	8 (7 client, 1 monitor)	8 (7 client, 1 monitor)	8 (7 client, 1 monitor)
<b>Traffic Queues</b>	4 queues	4 queues	4 queues	4 queues	4 queues
<b>802.11n 20/40Mhz HT</b>					
<b>802.11n MPDU/MSDU agg</b>					
<b>802.11n Dynamic MIMO PS</b>					
<b>802.11n LDPC encoding</b>					
<b>802.11n MLD, MRC</b>					
<b>802.11ac 80 MHz channel</b>					
<b>Rogue AP scanning</b>					
<b>Dual Band Scanning</b>				•	•
<b>Background Scan</b>					
<b>Full-time dedicated monitor</b>				•	•
<b>Single Radio Dual band scanning</b>				•	•
<b>On-wire MAC address collector</b>					
<b>Management</b>					
<b>WebUI &amp; CLI</b>	•	•	•	•	•
<b>External serial console port</b>					
<b>Controller discovery: DNS, DHCP, over L3 boundary</b>	•	•	•	•	•
<b>Cloud Management</b>					
<b>Zero touch deployment (FortiDeploy)</b>	•	•	•	•	•
<b>Report and Visualization</b>	•	•	•	•	•
<b>Wireless Configuration</b>	•	•	•	•	•
<b>Security Configuration</b>					
<b>Certifications</b>					
<b>Wi-Fi Alliance Certified*</b>					
<b>DFS Certified**</b>					






# FortiAP™ Outdoor/Indoor Thin Access Points

	FAP-112B	FAP-112D	FAP-222B	FAP-222C	FAP-224D
					
<b>Suggested Use Case</b>	Low density outdoor	Outdoor, POE pass-through for IP CCTV cameras.	Medium density outdoor	High density 802.11ac outdoor	Medium density outdoor
<b>Hardware</b>					
<b>Form Factor</b>	Outdoor IP55 rated, wall or pole wall mountable	Outdoor IP55 rated, wall or pole wall mountable	Outdoor IP67 rated, wall or pole wall mountable	Outdoor IP67 rated, wall or pole wall mountable	Outdoor IP66 rated, wall or pole wall mountable
<b>Dimension</b>	7.3 x 2.6 x 1.3 in	10.51 x 5.71 x 1.73 in	2.75 x 7.75x10in	9.8 x 8.7 x 2.1 in	6.9 x 6.9 x 1.9 in
<b>Kensington Lock</b>					
<b>Ethernet Interfaces</b>	2x FE RJ45	2x FE RJ45 ports with PoE pass-through. (1x PoE-PD, 1x PoE-PS)	1x GE RJ45	1x GE RJ45	1x GE RJ45
<b>PoE</b>	Proprietary	Proprietary	802.3at & proprietary	802.3at & proprietary	IEEE 802.3at, IEEE 802.3at
<b>Maximum power draw</b>	12.9 W	23.3 W	25 W	18.4 W	15.4 W
<b>Included accessories</b>	AC adaptor & proprietary POE injector	AC adaptor & proprietary POE injector	AC adaptor & proprietary POE injector, outdoor Kit, antennas	AC adaptor & proprietary POE injector, outdoor Kit, antennas	AC adaptor & POE injector, outdoor Kit, antennas
<b>Resilient POE backup</b>					
<b>Plenum installable</b>					
<b>Mesh capable</b>	•	•	•	•	•
<b>Wireless</b>					
<b>IEEE Standard</b>	802.11 b/g/n	802.11 a/b/g/n	802.11 a/b/g/n	802.11 a/b/g/n/ac	802.11 a/b/g/n
<b>Number of Radios</b>	1	1	2	2	2
<b>Radio 1 Band (association rate)</b>	2.4 GHz b/g/n (150 Mbps)	2.4 GHz / 5 GHz (150 Mbps)	2.4 GHz b/g/n (300 Mbps)	5 GHz a/n/ac (867 Mbps)	5 GHz a/n (300 Mbps)
<b>Radio 2 Band (association rate)</b>	-	-	5 GHz a/n (300 Mbps)	2.4 GHz b/g/n (300 Mbps)	2.4 GHz b/g/n (300 Mbps)
<b>MIMO</b>	1x1 (1 stream)	1x1 (1 stream)	2x2 (dual stream)	2x2 (dual stream)	2x2 (dual stream)
<b>Max / recommended number of concurrent clients</b>	no limit / 30	no limit / 30	no limit / 30 per radio	no limit / 30 per radio	no limit / 30 per radio
<b>Antenna Type and Count</b>	1 - Internal	1 - Internal	4 N-type External	4 N-type External	4 RP-SMA External
<b>Antenna Gain</b>	8 dBi	6 dBi / (6 dBi for 5 GHz)	5 dBi / (7 dBi for 5 GHz)	3.5 dBi / (6 dBi for 5 GHz)	5 dBi / (5 dBi for 5 GHz)
<b>Max TX Power</b>	24 dBm (250mW)	18dBm (2 Ghz), 16dBm (5 Ghz)	27dBm (500mW)	26dBm (398mW)	20dBm (50mW)
<b>Number of SSIDs</b>	8 (7 client, 1 monitor)	8 (7 client, 1 monitor)	16 (14 client,2 monitor)	16 (14 client,2 monitor)	16 (14 client,2 monitor)
<b>Traffic Queues</b>	4 queues	4 queues	4 queues	4 queues	4 queues
<b>802.11n 20/40Mhz HT</b>			•	•	•
<b>802.11n MPDU/MSDU agg</b>				•	•
<b>802.11n Dynamic MIMO PS</b>				•	•
<b>802.11n LDPC encoding</b>				•	•
<b>802.11n MLD, MRC</b>	•	•		•	•
<b>802.11ac 80 MHz channel</b>				•	
<b>Rogue AP scanning</b>					
<b>Dual Band Scanning</b>			•	•	•
<b>Background Scan</b>			•	•	•
<b>Full-time dedicated monitor</b>			•	•	•
<b>Single Radio Dual band scanning</b>					
<b>On-wire MAC address collector</b>	•	•	•	•	•
<b>Management</b>					
<b>WebUI &amp; CLI</b>	•	•	•	•	•
<b>External serial console port</b>					
<b>Controller discovery: DNS, DHCP, over L3 boundary</b>	•	•	•	•	•
<b>Cloud Management</b>					
<b>Zero touch deployment (FortiDeploy)</b>	•	•	•	•	•
<b>Report and Visualization</b>	•	•	•	•	•
<b>Wireless Configuration</b>	•	•	•	•	•
<b>Security Configuration</b>					
<b>Certifications</b>					
<b>Wi-Fi Alliance Certified*</b>			•	•	•
<b>DFS Certified**</b>		Region J		Region E, J	

# FortiAP-S Secure Cloud-managed Access Points

	FAP-S311C	FAP-S313C	FAP-S321C	FAP-S323C
				
<b>Suggested Use Case</b>	High density, high performance 802.11ac indoor	High density, high performance 802.11ac indoor	High density, high performance 802.11ac indoor	High density, high performance 802.11ac indoor
<b>Hardware</b>				
<b>Form Factor</b>	Wall or ceiling wall mountable	Wall or ceiling wall mountable	Wall or ceiling wall mountable	Wall or ceiling wall mountable
<b>Dimension</b>	8.5 x 8.5 x 1.38 in	8.5 x 8.5 x 1.38 in	8.5 x 8.5 x 1.38 in	8.5 x 8.5 x 1.38 in
<b>Kensington Lock</b>	•	•	•	•
<b>Ethernet Interfaces</b>	1x GE RJ45	1x GE RJ45	1x GE RJ45	1x GE RJ45
<b>PoE</b>	802.3at	802.3at	802.3at	802.3at
<b>Maximum power draw</b>	25 W	25 W	25 W	25 W
<b>Included accessories</b>	Ceiling, T-Rail and wall mount kit	Ceiling, T-Rail and wall mount kit	Ceiling, T-Rail and wall mount kit	Ceiling, T-Rail and wall mount kit
<b>Resilient POE backup</b>				
<b>Plenum installable</b>				
<b>Mesh capable</b>				
<b>Wireless</b>				
<b>IEEE Standard</b>	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac
<b>Number of Radios</b>	1	1	2	2
<b>Radio 1 Band (association rate)</b>	2.4 GHz /5 GHz (up to 1300 Mbps)	2.4 GHz /5 GHz (up to 1300 Mbps)	2.4 GHz b/g/n (450 Mbps)	2.4 GHz b/g/n (450 Mbps)
<b>Radio 2 Band (association rate)</b>	-	-	5 GHz a/n/ac (1300 Mbps)	5 GHz a/n/ac (1300 Mbps)
<b>MIMO</b>	3x3 (3 stream)	3x3 (3 stream)	3x3 (3 stream)	3x3 (3 stream)
<b>Max / recommended number of concurrent clients</b>	no limit / 50 per radio	no limit / 50 per radio	no limit / 50 per radio	no limit / 50 per radio
<b>Antenna Type and Count</b>	3 - Internal	3 - RP-SMA External	3 internal	3 - RP-SMA External
<b>Antenna Gain</b>	2dBi/(3dBi-5GHz)	2dBi/(3dBi-5GHz)	2dBi/(3dBi-5GHz)	2dBi/(3dBi-5GHz)
<b>Max TX Power</b>	19 dBm (80 mW)	19 dBm (80 mW)	20 dBm (100 mW)	20 dBm (100 mW)
<b>Number of SSIDs</b>	16 (14 client,2 monitor)	16 (14 client,2 monitor)	16 (14 client,2 monitor)	16 (14 client,2 monitor)
<b>Traffic Queues</b>	4 queues	4 queues	4 queues	4 queues
<b>802.11n 20/40Mhz HT</b>	•	•	•	•
<b>802.11n MPDU/MSDU agg</b>	•	•	•	•
<b>802.11n Dynamic MIMO PS</b>	•	•	•	•
<b>802.11n LDPC encoding</b>	•	•	•	•
<b>802.11n MLD, MRC</b>	•	•	•	•
<b>802.11ac 80 MHz channel</b>	•	•	•	•
<b>Rogue AP scanning</b>				
<b>Dual Band Scanning</b>	•	•	•	•
<b>Background Scan</b>	•	•	•	•
<b>Full-time dedicated monitor</b>	•	•	•	•
<b>Single Radio Dual band scanning</b>				
<b>On-wire MAC address collector</b>				
<b>Management</b>				
<b>WebUI &amp; CLI</b>	•	•	•	•
<b>External serial console port</b>	•	•	•	•
<b>Controller discovery: DNS, DHCP, over L3 boundary</b>				
<b>Cloud Management</b>				
<b>Zero touch deployment (FortiDeploy)</b>	•	•	•	•
<b>Report and Visualization</b>	•	•	•	•
<b>Wireless Configuration</b>	•	•	•	•
<b>Security Configuration</b>	•	•	•	•
<b>Certifications</b>				
<b>Wi-Fi Alliance Certified*</b>				
<b>DFS Certified**</b>				

# FortiWiFi™ Indoor Thick Access Points

	FWF-30D	FWF-60D	FWF-80CM	FWF-90D	FWF-92D
					
<b>Suggested Deployment</b>	Home/small office	Distributed office	Distributed office	Indoor Motels, Clinics, Small Enterprise, Retail	Indoor Motels, Clinics, Small Enterprise, Retail
<b>Hardware</b>					
<b>Form Factor</b>	Desktop, wall mountable	Desktop, wall mountable	Desktop, wall mountable	Desktop, wall mountable	Desktop, wall mountable
<b>Dimension</b>	1.38 x 7.17 x 5.24 in	1.50 x 8.50 x 5.83 in	1.75 x 10.87 x 6.13 in	1.72 x 8.5 x 8.78 in	1.72 x 8.5 x 8.78 in
<b>Kensington Lock</b>	•		•	•	•
<b>Ethernet Interfaces</b>	1 x GE RJ45 WAN, 4 x GE RJ45 Switch ports	3 x GE RJ45 WAN/DMZ, 7 x GE RJ45 Switch ports	2 x GE RJ45 WAN, 1 x FE RJ45 DMZ, 6 x FE RJ45 Switch ports	2 x GE RJ45 WAN ports, 14 x GE RJ45 Switch ports	2 x GE RJ45 WAN ports, 14 x GE RJ45 Switch ports
<b>Mesh Root</b>		•	•	•	•
<b>Other WiFi Variants</b>	POE (PSE)	POE (PSE)	-	POE (PSE)	
<b>Wireless</b>					
<b>IEEE Standard</b>	802.11 a/b/g/n	802.11 a/b/g/n	802.11 a/b/g/n	802.11a/b/g/n	802.11a/b/g/n
<b>Number of Radios</b>	1	1	1	1	1
<b>Radio 1 Band (association rate)</b>	2.4GHz / 5GHz (300Mbps)	2.4GHz / 5GHz (300Mbps)	2.4GHz / 5GHz (300Mbps)	2.4GHz / 5GHz (300Mbps)	2.4GHz / 5GHz (300Mbps)
<b>Radio 2 Band (association rate)</b>	-	-	-	-	-
<b>MIMO</b>	2x2	2x2	2x3	2x2	2x2
<b>Max / recommended number of concurrent clients</b>	no limit / 30	no limit / 30	no limit / 30	no limit / 30	no limit / 30
<b>Antenna Type and Count</b>	2 F-type antennas	2 di-pole antennas	2 di-pole antennas	2 di-pole antennas	2 di-pole antennas
<b>Antenna Gain</b>	up to 5dB	up to 5dB	up to 5dB	up to 5dB	up to 5dB
<b>Max TX Power</b>	17dBm	17dBm	17dBm	17dBm	17dBm
<b>Number of SSIDs</b>	8 (7 client, 1 monitor)	8 (7 client, 1 monitor)	8 (7 client, 1 monitor)	8 (7 client, 1 monitor)	8 (7 client, 1 monitor)
<b>Traffic Queues</b>	4 queues	4 queues	4 queues	4 queues	4 queues
<b>802.11n 20/40MHz HT</b>	•	•	•	•	•
<b>Short Guard</b>	•	•	•	•	•
<b>802.11ac 80 MHz channel</b>					
<b>MAC Service Data Unit (MSDU) aggregation and MAC Protocol Data Unit (MPDU) frame aggregation</b>	•	•	•	•	•
<b>Cyclic-delay diversity (CDD)</b>	•	•	•	•	•
<b>Power Save (WME-PS)</b>	•	•	•	•	•
<b>802.11n Max ratio combining (MRC)</b>	•	•	•	•	•
<b>Transmit Beam Forming (TxBF)</b>	•	•	•	•	•
<b>Low Density Parity Check encoding (LDPC)</b>	•	•	•	•	•
<b>802.11n Maximum Likelihood Detection (MLD)</b>	•	•	•	•	•
<b>Rogue AP scanning</b>					
<b>Dual Band Scanning</b>	•	•	•	•	•
<b>Background Scan</b>	•	•	•	•	•
<b>Full-time dedicated monitor</b>	•	•	•	•	•
<b>Single Radio Dual band scanning</b>	•	•	•	•	•
<b>On-wire MAC address collector</b>	•	•	•	•	•
<b>Management</b>					
<b>WebUI &amp; CLI</b>	•	•	•	•	•
<b>Max managed APs</b>	2	10	32	32	32
<b>Cloud deployment support</b>	•	•	•	•	•
<b>Certifications</b>					
<b>Wi-Fi Alliance Certified*</b>					
<b>DFS Certified**</b>	Region: J	Region: J		Region: J	

# FortiGate/FortiWiFi® Wireless Controller

	FortiGate/FortiWiFi 30D, 40C, 60C & 60D Series	FortiGate/FortiWiFi 80C & 90D Series	FortiGate 1xxC, 100D, 200B	FortiGate 200D Series	FortiGate 3xxB, 300C, 300D, 400D, 500D & 62xB
<b>Hardware</b>					
Product Range / Form Factor	Desktop / Desktop	Desktop / Desktop	Mid Range / 1 RU	Mid Range / 1-2 RU	Mid Range / 1 RU
GE Interfaces	5-10	2 - 16	8 - 40	18 - 88	10 - 18
GE PoE/PoE+ Interfaces	1-20 / 4 (FG-30D, 60D, 60C-POE)	4 (FG-90D-POE)	16 (FG-140D-POE)	8 (FG-200D-POE) 24 (FG-240D-POE) 32 (FG-280D-POE)	-
10 GE Interfaces	-	-	-	-	-
40 GE Interfaces	-	-	-	-	-
<b>Capacity</b>					
Maximum Supported APs (Tunnel Mode)	2 - 5	16	32	64	256
Maximum Supported APs (Total)	2 - 10	32	64	128	512
Max number of SSIDs	32	32	256	256	256
Max Concurrent Sessions	40 K - 1.5 Mil	1 - 1.5 Mil	1.4 - 3.2 Mil	1.4 Mil	2 Mil
	FortiGate 600C, 600D & 800C	FortiGate 1000 & 3000 Series	FG-5000 Series	FG-VM Series	
<b>Hardware</b>					
Product Range / Form Factor	Mid Range / 1 RU	High End / 2-3 RU	High End / 3-13 RU	-	
GE Interfaces	16-18	18 - 108	2 - 28	Refer to Datasheet	
GE PoE/PoE+ Interfaces	-	-	-	-	
10 GE Interfaces	0 - 2	2 - 28	2 - 112	Refer to Datasheet	
40 GE Interfaces	-	4	-	-	
100 GE Interfaces	-	6	2	-	
<b>Capacity</b>					
Maximum Supported APs (Tunnel Mode)	512	1,024	Up to 14,336 (1,024/blade)	32 - 1,024	
Maximum Supported APs (Total)	1,024	4,096	Up to 53,744 (4,096/blade)	64 - 4,096	
Max number of SSIDs	256	1,024	Up to 14,336 (1,024/blade)	32 - 1,024	
Max Concurrent Sessions	3 - 7 Mil	10 - 95 Mil	10 - 100 Mil	Refer to Datasheet	

\* Certification covers following specifications: - 802.11a/b/g/n, Short Guard Interval, TX A-MPDU, STBC, 40 MHz operation in 5 GHz/WPA™ Personal, WPA™ Enterprise / Personal, WPA2™ , Enterprise / Personal, WMM™, EAP-TLS, EAP-TTLS/MSCHAPV2, PEAPV0/EAP-MSCHAPV2, PEAPV1/EAP-GTC, EAP-SIM, EAP-AKA, EAP-FAST, 802.11 d/h, WMM Power Save..

\*\* Requires latest FortiOS version.

This document is provided as a convenient comparison of Fortinet products and services. The datasheet for any product or service can be found on [www.fortinet.com](http://www.fortinet.com) should be consulted for the most updated specifications.

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