Thin Access Points
FortiAP Product Matrix

	FAP-11C	FAP-14C	FAP-28C	FAP-112B	FAP-221B	FAP-222B	FAP-223B	FAP-320B
Product Description	Plug & Play Remote Access Point	Remote Access Point	Remote Access Point	65 Mbps Outdoor Access Point	Smoke-Detector Access Point	600Mbps Outdoor Access Point	External Antenna Smoke-Detector AP	900Mbps Enterprise Access Point
Suggested Deployment	SOHO, Travel indoor	SOHO, Branch Office, indoor	SOHO, Branch Office, indoor	Small Outdoor, indoor corridors	Indoor Medium Enterprise, Hotels, Healthcare, Advanced Schools and Retail	Outdoor deployments	Indoor, Specific antenna requirements for enterprises	Indoor Enterprises, Hotels, Healthcare, Advanced Schools and Retail
Hardware								
Form Factor	Wall Plug	Desktop	Desktop	IP55 enclosure	Round	IP67 enclosure	Round	Square
Dimension	4.3 x 3.5 x 1.5 in / 110 x 89 x 34 mm	1.06 x 4.92 x 3.86 in / 27 x 125 x 98 mm	1.38 x 8.43 x 7.09 in / 35 x 214 x 180 mm	7.3 x 2.6 x 1.3 in	6.5 x 1.2in	2.75 x 7.75x10in	6.5 x 2.0in	6.5 x 6.5 x 1.6 in
Mounting	Wall Plug	Wall Mountable	Wall Mountable	Wall/Pole, drywall anchors	Drywall/T-Rail/Ceiling included	Wall or Pole with kit included	Drywall/T-Rail/Ceiling included	Drywall/T-Rail/Ceiling included
Kensington Lock			•		•		•	•
Ethernet Interfaces	2x GE RJ45	5x FE	10x GE RJ45	2x FE	1x GE RJ45	1x GE RJ45	1x GE RJ45	2x GE RJ45
PoE				Proprietary	803.3af	803.3at & proprietary	803.3af	803.3af /at
Maximum power draw				12.9 W	12.9 W	25 W	12.9 W	12.9W
Included accessories	Power plugs	AC adaptor	AC adaptor	AC adaptor & proprietary POE injector	T-rail mounting, anchors	AC adaptor & proprietary POE injector, mounting brackets, anchors & grounding wire	T-rail mounting, anchors	T-rail mounting, anchors
Resilient POE backup								•
Plenum installable								•
Mesh capable					•	•	•	•
Wireless								
IEEE Standard	802.11 b/g/n	802.11 b/g/n	802.11 a/b/g/n	802.11 b/g/n	802.11 a/b/g/n	802.11 a/b/g/n	802.11 a/b/g/n	802.11 a/b/g/n
Number of Radios	1	1	1	1	2	2	2	2
Radio Band	Single	Single	Single	Single	Dual	Dual	Dual	Dual
Radio 1 Band	2.4 Ghz	2.4 Ghz	2.4 Ghz / 5Ghz	2.4 Ghz	2.4 Ghz / 5Ghz	5 Ghz	5 Ghz	5 Ghz
Radio 2 Band	-	-	-	-	2.4 Ghz	2.4 Ghz	2.4 Ghz	2.4 Ghz
MIMO	1x1 (1 stream)	1x1 (1 stream)	2x2 (dual stream)	1x1 (1 stream)	2x2 (dual stream)	2x2 (dual stream)	2x2 (dual stream)	3x3 (3 stream)
Peak radio association rate	150 Mbps	150 Mbps	300 Mbps	150 Mbps	300 Mbps	300 Mbps	300 Mbps	450 Mbps
Max / recommended number of concurrent clients	no limit / 5	no limit / 10	no limit / 20	no limit / 30	no limit / 30 per radio	no limit / 30 per radio	no limit / 30 per radio	no limit / 50 per radio
Antenna Type and Count	1 - Internal	1 - Internal	2 - Internal	1 - Internal	4 - Internal	4 N-type External	4 RP-SMA External	6 - Internal
Antenna Gain	3dBi	3dBi	3dBi/(4dBi-5Ghz)	6dBi	3dBi/(4dBi-5Ghz)	5dBi/(7dBi-5Ghz)	3dBi/(4dBi-5Ghz)	3dBi/(4dBi-5Ghz)
Max TX Power	17 dBm (50mW)	17 dBm (50mW)	17 dBm (50mW)	24 dBm (250mW)	17 dBm (50mW)	27dBm (500mW)	17 dBm (50mW)	24 dBm (250mW)
Number of SSIDs	8 (7 client, 1 monitor)	8 (7 client, 1 monitor)	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)	16 (14 client, 2 monitor)
Traffic Queues	4 queues	4 queues	4 queues	4 queues	4 queues	4 queues	4 queues	4 queues
802.11n 20/40Mhz HT					•		•	•
802.11n MPDU/MSDU agg					•		•	•
802.11n Dynamic MIMO PS					•		•	•
802.11n LDPC encoding					•		•	•
802.11n MLD					•		•	•
802.11n tx Beam-Forming					•		•	•
802.11n Max ratio combining					•		•	•

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	FAP-11C	FAP-14C	FAP-28C	FAP-112B	FAP-221B	FAP-222B	FAP-223B	FAP-320B
Rogue AP scanning								
Dual Band Scanning					•	•	•	•
Background Scan								•
Full-time dedicated monitor					•			•
Single Radio Dual band scanning					•			
On-wire MAC address collector				•	•	•	•	•
Management								
WebUI	•	•	•	•	•	•	•	•
Wireless Controller	•	•	•	•	•	•	•	•
Command line CLI	•	•	•	•	•	•	•	•
External serial console port								
Cloud deployment ready	•	•	•	•	•	•	•	•
DNS based Controller discovery	•	•	•	•	•	•	•	•
DHCP based controller discovery	•	•	•	•	•	•	•	•
Controller discover over L3 boundary	•	•	•	•	•	•	•	•
Included accessories	Power plugs	AC adaptor	AC adaptor	AC adaptor & POE injector	T-rail mounting, anchors	AC adaptor & POE injector, mounting brackets, anchors & grounding wire	T-rail mounting, anchors	T-rail mounting, anchors
Resilient POE backup								•
Plenum installable								•
Mesh capable					•	•	•	•
Certifications								
Wi-Fi Alliance Certified*				•	•		•	

* Certification covers following specifications: - 802.11a/b/g/n, Short Guard Interval, TX A-MPDU, STBC, 40 MHz operation in 5 GHzWPA™ 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

Wireless Controllers
FortiGate Product Matrix

	FG/FWF-40C, 60C, 60D Series	FG/FWF-80C Series	FG-110B, 100D, 200B Series	FG-310B. 300C Series	FG-620B, 600C, 800C, 1000C, 1240B Series	FG-3000 Series	FG-5000 Series	FG-VM Series
Hardware								
PoE Variant	FG-60C-PoE (24 ports)	-	FG-200B-POE (8 ports)	-	-	-	-	-
Form Factor	Desktop	Desktop	Desktop-1 RU	1 RU	1-2 RU	2-3 RU	3-13 RU	
GbE Interfaces	7-10	2	8 - 20	10	16-18	12 - 108	2 - 28	Refer to Datasheet
10 GbE Interfaces	-	-	-	-	2	2 - 12	2 - 112	Refer to Datasheet
Maximum Supported APs	5	16	32	256	512	1,024	Up to 14,336 (1,024/blade)	32 - 1,024
Max number of SSIDs	32	32	256	256	256	1,024	Up to 14,336 (1,024/blade)	32 - 1,024
Max Concurrent Sessions	40 K - 500 K	1 Mil	500 K - 2.5 Mil	600 K -2 Mil	1 - 7 Mil	10 - 20 Mil	10 - 100M	Refer to Datasheet

This document is provided as a convenient comparison of Fortinet products and features. The datasheet for any product or service can be found on www.fortinet.com should be consulted for the most updated specifications.