Cisco Secure Firewall Hardware Portfolio

Gain advanced threat protection at scale across the organization without compromising performance—powered by Cisco Firewall software and Cisco Talos threat intelligence.

	For branch and campus network												For data center and service provider network				
	200 Series		1200 Series					3100 Series					4200 Series			6100 Series	
																	
Model number	**220**	**240P**	**1210**	**1220**	**1230**	**1240**	**1250**	**3105**	**3110**	**3120**	**3130**	**3140**	**4215**	**4225**	**4245**	**6160**	**6170**
Performance																	
Firewall	1.5 Gbps	3.5 Gbps	6 Gbps	9 Gbps	13 Gbps	18 Gbps	24 Gbps	10 Gbps	17 Gbps	21 Gbps	38 Gbps	45 Gbps	65 Gbps	80 Gbps	140 Gbps	600 Gbps	700 Gbps
Firewall + Intrusion Prevention	1.5 Gbps	3 Gbps	6 Gbps	9 Gbps	9 Gbps	12 Gbps	18 Gbps	10 Gbps	17 Gbps	21 Gbps	38 Gbps	45 Gbps	65 Gbps	80 Gbps	140 Gbps	550 Gbps	600 Gbps
IPSec VPN	1.2 Gbps	3 Gbps	5 Gbps	10 Gbps	13 Gbps	18 Gbps	22 Gbps	5.5 Gbps	8 Gbps	10 Gbps	17.8 Gbps	22.4 Gbps	45 Gbps	80 Gbps	140 Gbps	450 Gbps	550 Gbps
TLS Decryption	0.7 Gbps	1 Gbps	1 Gbps	1.5 Gbps	2.5 Gbps	3.2 Gbps	4.1 Gbps	3.2 Gbps	4.8 Gbps	6.7 Gbps	9.1 Gbps	11.5 Gbps	20 Gbps	30 Gbps	45 Gbps	100 Gbps	150 Gbps
Connection																	
Max VPN Peers	50	100	200	300	500	1,000	1,500	2,000	3,000	7,000	15,000	20,000	20,000	25,000	30,000	60,000	60,000
Max Concurrent Sessions	30K	50K	200K	300K	400K	600K	1M	1.5M	2M	4M	6M	10M	15M	30M	60M	75M	105M
Max New Connection per sec	6K	15K	35K	50K	50K	70K	100K	90K	130K	170K	240K	300K	350K	600K	800K	1.5M	2.7M
Scalability																	
Virtual Routing and Forwarding	5	5	5	10	10	10	15	10	15	25	50	100	100			250	
Multi Instance	Not supported		Not supported					Not supported	3	5	7	10	10	14	34	Available in future software release	
Clustering	Not supported		Not supported					Not supported	Up to 16 units				Up to 16 units			Up to 16 units	
Network Interface																	
Fixed Network Ports	4x RJ45, 1x SFP	8x RJ-45 (4 PoE+), 2x 1G SFP	8x RJ45 (4 PoE, CP)	8x RJ45, 2x SFP+	8x RJ45, 4x SFP+			8x RJ-45, 8x SFP+			8x RJ-45, 8x SFP28		8x SFP28			12x SFP56, 4x QSFP56	
Network Module Slots	None		None					1 Slot					2 Slots			2 Slots	
Hardware Bypass Modules	Not Supported		Not Supported					Supported					Supported			Supported	
Management Port	1x RJ-45		1x RJ-45					1x SFP+					2x SFP28			2x SFP28	
Resource																	
Processor	8 core x 0.9GHz	8 core x 1 GHz	8 core x 1.6 GHz	8 core x 2.5 GHz	12 core x 1.9 GHz	12 core x 2.5 GHz	16 core x 2.5 GHz	12 core x 2.9 GHz		16 core x 2.8 GHz	24 core x 2.3 GHz	32 core x 2.35 GHz	32 core x 2.8 GHz	64 core x 2.45 GHz	2x 64 core x 2.45 GHz	2 x 96 core x 2.6 GHz	2 x 128 core x 2.7 GHz
Memory	8 GB		16 GB		32 GB			64 GB		128 GB		256 GB	256 GB	512 GB	1 TB	24 x 64 GB	24 x 96 GB
Storage	64 GB		480 GB NVMe +16 GB eMMC		960 GB NVMe +16 GB eMMC			960 GB NVMe +16 GB eMMC					2x 1.8 TB NVMe SSD			2x 3.6 TB SSDs	2x 7.2 TB SSDs
Fan	Fanless		1x internal fan, not field-replaceable		2x internal fan, not field-replaceable			2x Dual fan modules, Hot-swappable					3x Dual fan modules, Hot-swappable			4x Dual fan modules, Hot-swappable	
Power supply	1x External power supply		1x External power supply		1x Internal power supply			2 slots, FRU, ships with 1 unit			2 slots, FRU, ships with both units		2 slots, FRU, ships with 1 unit	2 slots, FRU, ships with both units		2 slots, FRU, ships with both units	
Chassis																	
Form Factor	Desktop		Desktop		1 Rack unit			1 Rack unit					1 Rack unit			2 Rack units	
Dimension (H x W x D)	1.15" x 9.2" x 7.8"	1.65" x 9.2" x 8.5"	1.11" x 10.8" x 6.8"		1.72" x 11.22" x 17.25"			1.75" x 17" x 20"					1.73" x 16.89" x 32.0"			3.5" x 16.9" x 32.5"	
Chassis Weight	2.6 lb / 1.18 kg	3.3 lb / 1.5 kg	CE: 3.04 lb / 1.38 kg, CP: 3.17 lb / 1.44 kg	3.09 lb / 1.4 kg	9.35 lb / 4.24 kg	9.35 lb / 4.24 kg	9.52 lb / 4.32 kg	23 lb / 10.5 kg			25 lb / 11.4 kg		43 lb / 19.5 kg	46 lb / 20.8 kg		66lbs / 29.9kg	

Note: The Cisco Secure Firewall 6100 Series includes two additional models, the 6120 and 6130, currently supporting ASA software only.
Disclaimer: Actual performance may vary depending on enabled features, network traffic and protocol mix, packet size, and other deployment-specific factors. Performance is subject to change with new software releases. For detailed sizing guidance, please consult your Cisco representative.

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