

# FORTINET®

## HOW TO GUIDE

FortiGate Sizing Guide



[www.exclusive-networks.com.au](http://www.exclusive-networks.com.au)

# FortiGate Sizing Guide

Users	FortiGate Unit	Models	Interface	Threat Protection Throughput	Other Comments
1-10	FortiGate 30E	FG-30E	5xGE	Max 40-50Mbps	Cannot run FortiOS 6.4
10-60	<b>FortiGate 40F</b>	FG-40F FG-40F-3G4G FWF-40F-E FWF-40F-3G4G	4xGE, 1xGE FortiLink Port	600 Mbps	Ideal for high SSL, VPN connection, SD-WAN, 310Mbps SSL  New integrated wireless
5-30	FortiGate 50E	FG-50E FG-51E	7xGE 7xGE	Max 100Mbps	Cannot run FortiOS 6.4 Rather Sell FortiGate 40F
10-40	FortiGate 60E	<b>FG-60E-DSL</b>	9GE + 1 inbuilt x DSL modem	150-180Mbps	Inbuilt DSL Modem
40-100	<b>FortiGate 60F</b>	FG-60F FG-61F FWF-60F-E FWF-61F-E	8xGE, 2xGE FortiLink Ports 8xGE, 2xGE FortiLink Ports Include integrated WiFi AP Includes integrated WiFi AP	700 Mbps	Ideal for high SSL, VPN connections and designed for SD-WAN
40-80	FortiGate 80E	FG-80E FG-81E	14GE - 2x shared copper/fibre 14GE - 2x shared copper/fibre	150-200Mbps	Includes 128Gb SSD
80-150	<b>FortiGate 100E</b>	FG-100E FG-101E	18GE - 2x shared Copper/fibre 18GE - 2x shared Copper/fibre	200-250Mbps	Includes 480Gb SSD
		FG-140E	40GE + 2xGB SFP		
100-180	<b>FortiGate 100F</b>	FG-100F FG-101F	18xGE, 8xGE SFP, 2x10GE FortiLink 18xGE, 8xGE SFP, 2x10GE FortiLink	700Mbps-1Gbps	Dual AC Power supplied Includes 480Gb SSD
100 -250	<b>FortiGate 200E</b>	FG-200E	14GE + 4xGE SFP	1-1.2Gbps	
Up to 750	<b>FortiGate 400E</b>	FG-201E FG-400E FG-401E	14GE + 4xGE SFP 16GE + 16GE SFP 16GE + 16GE SFP	Up to 5Gbps	Includes 480Gb SSD  Includes 480Gb SSD

Main units highlighted

Note – FortiGate 400E is same price as FortiGate 300E

## Questions to ask to help with sizing

- Number of users connected to the network, internal and remote. Estimated number of devices/BYOD
- Are there any servers that users are connecting to via the FortiGate, regard each server as +10 users.
- Are there any servers remotely accessed, i.e. used to upload files, web servers
- Number of interfaces required - is there a requirement for additional switches to extend the interfaces, manage APs etc
- Bandwidth of connection, both uplink and downlink. Is this an SD-WAN implementation

### Additional options

- WiFi requirements - how many access points are required to provide secure WiFi access
- FortiClient - provides remote VPN access, AV, Application firewall for end points
- Unmanaged FortiClient is free for VPN access, Manager requires FortiClient EMS
- 2 factor Authentication - Adds 2FA to user authentication via Hardware or Software token



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