

FORTINET®

HOW TO GUIDE

FortiGate Sizing Guide



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Users	FortiGate Unit	Models	Interface	Threat Protection Throughput	Other Comments
1-10	Fortigate 30E	FG-30E FWF-30	5xGE 5XGE	Max 40-50Mbps	
5-30	FortiGate 50E	FG-50E FWF-50E FWF-50E-2R FG-51E	7xGE 7xGE 7xGE 7xGE	Max 100Mbps	This unit has higher latency than 60E, Less packets per second Includes 32Gb Storage
10-40	Fortigate 60E	FG-60E FG-61E FWF-60E FWF-61E FG-60E-DSL FWF-60E-DSL	10xGE 10xGE 10xGE 10xGE 9GE + 1 inbuild xDSL modem 9GE + 1 inbuild xDSL modem	150-180Mbps	Includes 128Gb SSD Includes 128Gb SSD Inbuilt DSL Modem Inbuilt DSL Modem
40-80	Fortigate 80E	FG-80E FG-81E	14GE - 2x shared copper/fiber 14GE - 2x shared copper/fiber	150-200Mbps	Includes 128Gb SSD
80-180	Fortigate 100E	FG-100E FG-101E FG-140E	18GE - 2x shared Copper/fiber 18GE - 2x shared Copper/fiber 40GE + 2xGB SFP	200-250Mbps	Includes 480Gb SSD
100-250	Fortigate 200E	FG-200E FG-201E	14GE + 4xGE SFP 14GE + 4xGE SFP	800Mbps-1.2Gbps	Includes 480Gb SSD
Upto 500	Fortigate 300E	FG-300E FG-301E	16GE + 16GE SFP 16GE + 16GE SFP	Upto 3Gbps	Includes 480Gb SSD

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

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, Manager requires FortiClient EMS
- 2 factor Authentication - Adds 2FA to user authentication via Hardware or Software token



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