

wFirewall 1GbE Models

Entry Level

Next Generation Firewall
Edge Firewall



The wFirewall 1GbE Models delivers threat prevention capabilities for small to medium enterprises. It is a physical firewall appliance with flexibility to be deployed as internet edge and/or branches. Protect against cyber threads with single pass scanning technology enables high performance and security efficiency.

Security

- Stateful Firewall
- Virtual Private Network
- Filtering Caching Proxy
- Inline Intrusion Prevention
- Captive Portal
- Support Let's Encrypt Certificates

Networking

- Multiple WAN links load balancing
- TCP/HTTP Load Balancer
- Full Mesh VPN Routing
- Traffic Shaper
- Netflow Exported
- Network Flow Monitoring

Performance

- 4 Gbps Firewall Throughput
- 4 Gbps Thread Prevention Throughput
- 4 Gbps SSL Inspection Throughput
- 5M Maximum Concurrent Sessions
- 500K New Sessions Per Second
- Single Pass Scanning

Management

- High Availability
- Configuration Backup to Google Drive
- Easy to use Web Interface
- Two-factor Authentication (2FA)
- Build-in Reporting
- REST API Support

Firewall	Thread Prevention	Concurrent Sessions	Interfaces
4 Gbps	4 Gbps	5M	4x 1GbE Copper and 2x USB

Refer to specifications for details

Specifications

wFirewall 1GbE: WFW-1GBE-DT4		wFirewall 1GbE: WFW-1GBE-DT4	
Interfaces and Modules		Dimension and Power	
1GbE Copper	4	Form Factor	Desktop
1GbE Fibre	0	Wall Mountable	No
10GbE SPF+	0	AC Power Supply	100-240V AC, 50-60 Hz
40GbE QSPF+	0	Power Consumption	Average 35W
RJ45 Serial	0	Current (Max)	110V/7A, 220V/3.5A
USB	2	Heat Dissipation	150 BTU/h
Storage	16GB	Redundant Power Supply	Not Supported
System Performance and Capacity		Operating Environment	
IPv4 Firewall Throughput (1518 / 64 bytes, TCP)	4 / 4 Gbps	Operating Temperature	0 - 40 °C (32 - 104°F)
IPv6 Firewall Throughput (1518 / 64 bytes, TCP)	4 / 4 Gbps	Storage Temperature	-35 - 70 °C (-31 - 158°F)
Thread Prevention	4 Gbps	Humidity	10-90% non-condensing
Concurrent Session	5 Million	Noise Level	0 dBA (fanless)
New Sessions Per Second	500,000	Operating Altitude	Up to 2,250 m (7,400 ft)
IPsec VPN Throughput	4 Gbps		
Max IPsec Tunnels	100,000		
SSL Inspection Throughput	4 Gbps		

Ordering Information

Product	SKU	Description
wFirewall 1GbE Desktop	WFW-1GBE-DT4	wFirewall 1GbE Series Desktop 4-port
wFirewall 1GbE Threat Prevention 1 yr	WFW-1GBE-TPS-1Y	wFirewall 1GbE Threat Prevention for 1 yr
wFirewall 1GbE Threat Prevention 3 yrs	WFW-1GBE-TPS-3Y	wFirewall 1GbE Threat Prevention for 3 yrs
wFirewall 1GbE Hardware Swapping 1 yr	WFW-1GBE-SWP-1Y	wFirewall 1GbE Swapping Service for 1 yr
wFirewall 1GbE Hardware Swapping 3 yrs	WFW-1GBE-SWP-3Y	wFirewall 1GbE Swapping Service for 3 yrs

WProfessional Hong Kong Head Quarter

C11, 13/F.
Wing Hing Industrial Building
14 Hing Yip Street
Kwun Tong
Kowloon
Hong Kong

Copyright© 2018 W Professional Services Limited. All rights reserved. All other product or company names may be trademarks of their respective owners. Performance and other metrics contained herein were attained in internal lab tests under ideal conditions, and actual performance and other results may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by W Professional Services Limited, and W Professional Services Limited disclaims all warranties, whether express or implied, except to the extent W Professional Services Limited enters a binding written contract, signed by W Professional Services Limited's General Counsel, with a purchaser that expressly warrants that the identified product will perform according to certain expressly-identified performance metrics and, in such event, only the specific performance metrics expressly identified in such binding written contract shall be binding on W Professional Services Limited. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in W Professional Services Limited internal lab tests. In no event does W Professional Services Limited make any commitment related to future deliverables, features or development, and circumstances may change such that any forward-looking statements herein are not accurate. W Professional Services Limited disclaims in full any covenants, representations, and guarantees pursuant hereto, whether express or implied. W Professional Services Limited reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.