

# SafeGate Office - Smart Firewall for businesses and offices

Firewall solutions for organizations, businesses, schools, factories, hospitals, .....



### Meet the level requirements

Features that meet the requirements of the Information Security level as prescribed.



### Easy to use

Automatic installation, simple management via Cloud, App.



### AI Firewall

AI technology automatically detects threats and proactively defends.

## Safety and Security Features

-  Filter phishing and malicious addresses: Integrate threat data sources, automatically block dangerous connections
-  Network partitioning, creating network zones according to function: Insite, outside, DMZ...
-  Secure Remote Access and Connection via VPN: Remote Access VPN and Site-to-Site VPN
-  Monitor, detect and prevent intrusions, alert administrators.
-  Applying AI technology to automatically detect threats ensures timely detection and prevention
-  Integrate anti-malware and information security policy management for workstations in the network (\*)
-  Web Application Firewall protects web applications from attacks and vulnerabilities (\*)
-  Protect email system, block emails containing malware and scams (\*)

## Management Features

-  Control the use of video applications by users: who can use them and the duration of use
-  Control the use of gaming applications by users: who can use them and the duration of use
-  Control the use of social media applications by users: who can use them and the duration of use.
-  Control the use of messaging applications by users: who can use them and the duration of use
-  Load balancing, support for multiple internet connections, speed up network performance, and provide redundancy in case of connection failures
-  Usage reporting system: top devices with the highest usage, top applications with the highest usage, etc
-  NAC (Network Access Control) to manage workstations by MAC address and IP address
-  Centralized management made easy through the Cloud, minimizing ZTP (Zero Touch Provisioning) setup time

(\*): Features available depending on the version

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	School	Office Standard	Office Pro
<b>Meet level requirements</b>	Meet requirement	Meet requirement	Meet requirement
Appropriate	Elementary School, Junior School, High school	Ward, Small Office	Districts and municipalities, Colleges and universities
<b>Performance and key specifications</b>			
Performance and number of ports	Number of simultaneous connections: 25	Number of simultaneous connections; 30 3xGbE RJ-45 (Intel® I210)	Number of simultaneous connection: 100 6 x GbE RJ-45. Firewall Throughput: 900 Mbps. IPS: 800 Mbps. VPN: 100 phiên đồng thời
<b>Safety and security features</b>			
Block phishing and malicious addresses: Integrate threat intelligence sources, automatically block dangerous connections	x	x	x
Network segmentation: Insite and Outsite	x	x	x
Network segmentation: Insite and Outsite, DMZ ...			x
VPN	x		x
Monitoring, intrusion detection, and alerting for administrators	x	x	x
<b>Management features</b>			
Load balancing, support for multiple internet connections, network speed enhancement, and redundancy in case of connection failures		x	x
Usage reporting system: Top devices with the highest usage, top applications with the highest usage	x	x	x
NAC (Network Access Control) to manage workstations by MAC address and IP address.	x	x	x
<b>Hardware information</b>			
CPU	MediaTek MT7621A	Intel® Celeron® processor N3350	Intel® Atom® processor C3558/C3758
Chipset	MediaTek MT7915DA MediaTek MT7915DN	SoC integrated	SoC integrated
Memory	256 MB Ram	1 x DDR3L-1866 SO-DIMM (upto 8GB)	4 x DDR4 R-DIMM/U-DIMM (up to 128GB)
BIOS		AMI SPI Flash BIOS	AMI SPI Flash BIOS
Storage	16MB Flash	128GB M.2 SATA 3TE7	256GB 2.5 SATA3
Network Interface	4 x Gbps LAN ports 1x Gbps WAN port	3 x GbE RJ-45 (Intel® I210)	6 x GbR RJ-45 (Intel® X553 and Marvell® 88E1543)
I/O	1 x Reset button	1x Console (RJ-type)	1x Console (RJ-type)
Other Features	WLAN 2.4GHz: b/g/n/ax. WLAN 5 GHz: a/n/ac/ax DATA RATE: 2.4GHz: upto 573.5 Mbps. 5GHz: upto 1201 Mbps Wireless Security: WPA2/WPA mixed WPA3	LAN Bypass (optional)	One pair LAN Bypass fuction through latch relay. Two pairs LAN Bypass (optional)
Expansion Interface	4 x 5dBi fixed external antennas	1 x Full-size PCI Express Mini Card slot (PCIe/USB signal)	1 x Full-size PCIe + USB2)
Watchdog Timer		255 stepping for system reset	256 stepping for system reset
Power Supply	12VDC, 1A power adapter	12VDC, 3A power adapter	AC adapter 120W 19V/66/32A
<b>Other Information</b>			
Form Factor	Desktop	Desktop, small form factor and fanless	1U rackmount
LED	1 System (Blue) (Green) 4 Lan (Green) 1 WAN	Power, Link/Act with transfer rate	Power, HDD, GPIO programmable, LAN Bypass, Link/ Act with transfer rate
Operating Temperature	0°C to + 50°C	0°C to + 40°C	0°C to + 45°C
Humidity	5% - 95% RH, non- condensing	10% - 90% RH, non condensing	10% - 95% RH, non condensing
Classis Material	Plastic	Aluminum	Steel
Dimensions	241.0 mm (L) x 147.0 mm (W) x 48.5 mm (H)	26 mm (H) x 146 mm (W) x 118.2 mm (D)	44 mm (H) x 430 mm (W) x 250mm (D)
Weight (net/gross)		0.284 kg/0.786kg	3.5 kg/4.5kg
Certifications		CE/FCC Class B	CE/FCC Class A