



K7 S-Series UTM

UTM Security Appliances for SMB and Branch Office Networks



Introduction

The K7 S-Series UTM appliances offer a complete security solution for small and medium businesses (SMB) as well as branch and remote office solutions for larger corporate deployments. Featuring four six or eight auto-sensing 10/100/1000 Ethernet ports, provides solutions for perimeter security with multiple DMZs and VPNs for wired and wireless LAN security to protect the internal network. The K7 S-Series UTM can handle up to 250 concurrent users and provides 4-8Gbps of firewall and 0.9-2.2Gbps of UTM performance, with support for 6000000-8000000 concurrent sessions and 5/10 VPN tunnels

Unified Threat Management for SMB Networks

Malicious attackers and threat actors can be stopped at the network edge by deploying the K7 S-Series UTM solution, hardening a network's defenses and preventing hackers from gaining a foothold within the network. Incorporating a secure, multi-zone, Stateful Packet Inspection (SPI) firewall with integrated IDS/IPS, the K7 S-Series UTM provides network layer attack and denial of service attack prevention with gateway-level malware protection using K7 Security's award-winning anti-malware engine.

K7 S-Series UTM appliances are designed to mitigate risk and deliver predictable performance, enabling organisations to achieve a highly reliable, secure network with optimised processes and features to meet the availability and throughput requirements of today's enterprise networks.

Features

The K7 S-Series UTM appliances come with built-in Next Generation features, including

- HTTPS Interception
- GEO IP Filter
- Traffic Analyser
- Perpetual Product License
- Live Network Sniffer and Real Time Net flow Analysers
- WAN Interface Usage data with FUP Support
- Active Load Balancing and Failover
- Scalability

About K7 Security

K7 Security is one of the earliest and most accomplished IT security companies protecting 25+ million users across 100+ countries against threats to their IT environment. We are recognised as a global cybersecurity player and a leader in providing safe and secure computing experiences for home users as well as enterprise users across various industries. Our enterprise portfolio includes on-premises and cloud-deployed Endpoint Security for endpoints and servers as well as Unified Threat Management gateway security appliances. K7's simple-yet-smart design philosophy delivers peace of mind with low-impact, high performance, unobtrusive cyberthreat protection.

K7 S-Series UTM

Suitable for Small Business / Remote Office / Branch Office / Multi LAN/WAN Segments

Product Specifications

Throughput Specification	K7 S-Series							
	100 Concurrent Users			150 Concurrent Users			250 Concurrent Users	
Model Name	K7S4100	K7S6100	K7S8100	K7S4150	K7S6150	K7S8150	K7S6250	K7S8250
Ports	4	6	8	4	6	8	6	8
Concurrent Session	6100000	6250000	6275000	8200000	8251000	8200000	8300000	8300000
New Sessions/sec	52000	86000	87600	128000	136000	138000	140000	141000
Firewall Throughput	6 Gbps	6.2 Gbps	8 Gbps	4 Gbps (8)*	6 Gbps (10)*	8 Gbps (16)*	6 Gbps (10)*	8 Gbps (20)*
UTM Throughput	900 Mbps	1.2 Gbps	1.2 Gbps	950 Mbps	1.1 Gbps	2.2 Gbps	1.1 Gbps	2.2 Gbps
IPS Throughput	1.5 Gbps	2.5 Gbps	2.5 Gbps	2.4 Gbps	2.5 Gbps	2.70 Gbps	2.5 Gbps	2.7 Gbps
VPN Throughput	850 Mbps	1.1 Gbps	1.2 Gbps	850 Mbps	1. Gbps	1.5 Gbps	1 Gbps	1.5 Gbps
VPN	5 Tunnels	5 Tunnels	10 Tunnels	5 Tunnels	5 Tunnels	10 Tunnels	5 Tunnels	10 Tunnels
User Management AAA				Yes				

Hardware Specification								
Gigabit Ethernet Ports	1xLAN + 3xLAN/WAN/DMZ Combo (4 Port)							
	1xLAN + 5xLAN/WAN/DMZ Combo (6 Port)							
	1xLAN + 7xLAN/WAN / DMZ Combo + 2SFP (8 Port)							
RAM DDR3	4GB							
Storage (SSD)	32GB	32GB (D)/ 64GB (O)	32GB (D)/ 64GB (O)	32GB	32GB (D)/ 64GB (O)	32GB (D)/ 64GB (O)	32GB (D)/ 64GB (O)	32GB (D)/ 64GB (O)
USB / VGA Port	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1
Form Factor	Rack Mount	Rack Mount	Rack Mount	Rack Mount	Rack Mount	Rack Mount	Rack Mount	Rack Mount
Dimensions (mm) - (HxWxD)	44x330x242	44x360x270	44x430x360	44x330x242	44x360x270	44x430x360	44x360x270	44x430x360
Weight (KG)	2.8	4.5	4.7	2.8	4.5	4.7	4.5	4.7
Color	Orange	Orange	Grey	Orange	Orange	Grey	Orange	Grey
Power Supply	AC 3-Pin	AC 3-Pin	230V AC	AC 3-Pin	AC 3-Pin	230V AC	AC 3-Pin	230V AC
Input Voltage	100-240V/50-60Hz							
Consumption	20W	70W	70W	20W	70W	70W	70W	70W
Total Heat Dissipation (BTU)	110	180	180	110	180	180	180	180
Operating Temperature	0-45°C							
Storage Temperature	2-70°C							
Relative Humidity (NC)	10 to 90%							
Regulatory Compliance	FCC Part 15, Class B, CE							

Ordering Information

No of concurrent users	Ports	AAA User Management			
		Default Hotspot	Hospitality Hotspot	Office Hotspot	Education Hotspot
100 users	4	K7S4100-D	K7S4100-H	K7S4100-O	K7S4100-E
	6	K7S6100-D	K7S6100-H	K7S6100-O	K7S6100-E
	8	K7S8100-D	K7S8100-H	K7S8100-O	K7S8100-E
150 Users	4	K7S4150-D	K7S4150-H	K7S4150-O	K7S4150-E
	6	K7S6150-D	K7S6150-H	K7S6150-O	K7S6150-E
	8	K7S8150-D	K7S8150-H	K7S8150-O	K7S8150-E
250 Users	6	K7S6250-D	K7S6250-H	K7S6250-O	K7S6250-E
	8	K7S8250-D	K7S8250-H	K7S8250-O	K7S8250-E

License upgrade option*

50 user pack, 100 user pack

*Restriction & conditions apply

Features

- Scalable Device
- Integrated Router
- Multi LAN/WAN Connection
- Active-Active Load Balancing
- Bandwidth Aggregation
- Quality Based Link Failover
- SPI Firewall
- K7 Gateway Anti-Malware
- Geo IP Filter
- Web Security
- Application Filter
- Content Filter
- Email Security
- GAV / IDS / IPS
- VPN - SSL/IPSec
- Quality of Service (QoS)
- DDNS/SNMP/Remote Sys Log
- High Availability (HA)
- Inbuilt Traffic Analyser
- Real-time Net flow
- AAA User Management Hotspot
- Alerts and Daily Digest Report
- Audit Compliance

*All performance testing was done with multiple flows through multiple ports, and are measured using industry standards and under ideal test conditions. Firewall performance values are based on RFC 2544 guidelines, IPS throughput used default IPS rule set and 512 kb object size and VPN using multiple tunnels with 512KB response size. All performance values are guidelines and vary based on system configuration and are subject to changes without prior notice. If all slots are populated