



K7 A-Series UTM

UTM Appliances for Small Office / Home Office (SOHO) Networks



Introduction

The K7 A-Series is an entry level Unified Threat Management (UTM) appliance targeted at small or remote offices in distributed enterprises, including telecommuters, sales offices, and retail outlets. The K7 A-Series features four Gigabit Ethernet ports, of which three are LAN/WAN combo interfaces. Supporting up to 75 concurrent users and 3-4 Gbps firewall throughput, the K7 A-Series provides network performance of 565 Mbps - 1Gbps UTM and 580Mbps - 1.2Gbps 3DES SSL/IPSec VPN throughput, 3000000 - 6000000 concurrent firewall sessions, and 2 IPSec VPN tunnels in a small but effective desktop form factor. The K7 A-Series is available with 15, 30, 50 or 75-user subscription licenses.

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Malicious attackers and threat actors can be stopped at the network edge by deploying the K7 UTM solution, hardening a network's defences 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 A-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 A-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 A-Series of 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 A-Series UTM

Suitable for Small Office/Home Office deployments, hotels, restaurants, and retail locations.

Product Specifications

Throughput Specification	K7 A-Series			
	15 Concurrent Users	30 Concurrent Users	50 Concurrent Users	75 Concurrent Users
Model Name	K7A415	K7A430	K7A450	K7A475
Ports	4	4	4	4
Concurrent Session	3250000	3250000	6000000	6050000
New Sessions/sec	20000	30000	35000	38000
Firewall Throughput	3.1Gbps	3.5 Gbps	4 Gbps	4 Gbps
UTM Throughput	390 Mbps	480 Mbps	1 Gbps	1 Gbps
IPS Throughput	580 Mbps	970 Mbps	1.2 Gbps	1.2 Gbps
VPN Throughput	250 Mbps	380 Mbps	500 Mbps	500 Mbps
VPN	2 Tunnels			
User Management AAA	Yes			

Hardware Specification	
Gigabit Ethernet Ports	1xLAN + 3xLAN/WAN/DMZ Combo (4 Ports)
RAM DDR3	2GB
Storage (SSD)	32GB
USB / VGA Port	2/1
Form Factor (Rack Mount)	Desktop
Dimensions (mm) - (HxWxD)	30x124x160
Weight (KG)	2.2
Color	Black
Power Supply	12V/5A (AC Adapter)
Input Voltage	100-240V/50-60Hz
Consumption	10W
Total Heat Dissipation (BTU)	110
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
15 Users	4	K7A415-D	K7A415-H	K7A415-O	K7A415-E
30 Users	4	K7A430-D	K7A430-H	K7A430-O	K7A430-E
50 Users	4	K7A450-D	K7A450-H	K7A450-O	K7A450-E
75 Users	4	K7A475-D	K7A475-H	K7A475-O	K7A475-E

License upgrade option*

10 user pack

*User pack not applicable for K7A475
*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.