



K7 E-Series UTM

UTM Appliances for Enterprise Networks



Introduction

The K7 E-Series UTM is a purpose-built appliance designed to provide a flexible, high performance security solution for medium-to-large central office sites and large enterprise deployments. The K7 E-Series UTM integrates core security functionality including firewall, anti-malware, anti-spam, web content security, Denial of Service (DoS) protection, SSL/IPSEC VPN and traffic management capabilities in a low-profile, modular chassis.

The K7 E-Series is available in 6, 8, 10 or 12 port configurations, providing high levels of total throughput for firewall and UTM combined with a flexible and resilient hardware architecture and high availability assurance. The K7 E-Series UTM's exceed most enterprises network traffic requirements and are well-suited to match the peak load and strong threat management requirements of the most demanding networks today.

Unified Threat Management for Enterprise Networks

Malicious attackers and threat actors can be stopped at the network edge by deploying the K7 E-Series UTM gateway 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 E-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 E-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 E-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 E-Series UTM

Suitable for Scalable solutions designed for high speed Enterprise networks.

Product Specifications

Throughput Specification	K7 E-Series			
	750 Concurrent Users		1000 Concurrent Users	
Model Name	K7E6750	K7E8750	K7E61000	K7E81000
Ports	6	8	6	8
Concurrent Session	22800000	24400000	25000000	25500000
New Sessions/sec	262000	274000	280000	285000
Firewall Throughput	6 Gbps (36)*	8 Gbps (36)*	6 Gbps (36)*	8 Gbps (36)*
UTM Throughput	5.6 Gbps	5.7 Gbps	5.8 Gbps	6 Gbps
IPS Throughput	7.7 Gbps	9.3 Gbps	8 Gbps	9.4 Gbps
VPN Throughput	3 Gbps	3.3 Gbps	3.2 Gbps	3.4 Gbps
VPN Tunnels	20	20	25	25
User Management AAA		Yes		
Hardware Specification				
Gigabit Ethernet Ports	1xLAN + 5xLAN/WAN/DMZ Combo (6 Ports)			
	1xLAN + 7xLAN/WAN/DMZ Combo (8 Ports)			
RAM DDR3	8 GB	8 GB	8 GB	8 GB
Storage (SSD)	64GB (D)/ 500GB (O)	64GB (D)/ 500GB (O)	64GB (D)/ 500GB (O)	64GB (D)/ 500GB (O)
USB / VGA Port	2/1	2/1	2/1	2/1
Form Factor (Rack Mount)	(Rack Mount)	(Rack Mount)	(Rack Mount)	(Rack Mount)
Dimensions (mm) – (HxWxD)	44x423x470	44x423x470	44x423x470	44x423x470
Weight (KG)	9	9	9	9
Color	Grey	Grey	Grey	Grey
Power Supply (AC Adaptor)	AC 3-Pin	AC 3-Pin	AC 3-Pin	AC 3-Pin
Input Voltage		100-240V/50-60Hz		
Consumption	100W	100W	100W	100W
Total Heat Dissipation (BTU)	270	270	270	270
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	Hospitality	Office	Education
750 Users	6	K7E6750-D	K7E6750-H	K7E6750-O	K7E6750-E
	8	K7E8750-D	K7E8750-H	K7E8750-O	K7E8750-E
1000 Users	6	K7E61000-D	K7E61000-H	K7E61000-O	K7E61000-E
	8	K7E81000-D	K7E81000-H	K7E81000-O	K7E81000-E
More than 1000 6/8/12		Request Quote			

License upgrade option*

50 user pack

100 user pack

200 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 ivalues 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