



## K7 M-Series UTM

### UTM Appliance Solutions for Medium Enterprise Networks



### Introduction

The K7 M-Series UTM appliances are some of the most versatile security appliances available today. They easily integrate and secure many different network environments, including medium-to-large enterprise offices, e-business sites, and data centre infrastructure. Available in either six or eight Gigabit Ethernet port configurations, the M-Series performs firewall and UTM capabilities at wire speeds, hardening a network's perimeter and internal network defences, protecting against malicious attacks and compromise.

The K7 M-Series UTM incorporates K7's anti-malware technology to scan inbound and outbound traffic for viruses, spyware, and other malware as they pass through the network, filtering out infected objects and malicious code before they infect the network.

### Unified Threat Management for Medium Enterprise Networks

Malicious attackers and threat actors can be stopped at the network edge by deploying the K7 M-Series 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 M-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 M-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 M-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 develops endpoint and server anti-malware solutions for small, medium, and enterprise-class businesses that offer a broad range of features and capabilities to meet today's most ardent threats. Available in both Standard and Advanced editions, K7's Endpoint Security can support multiple platforms - including Windows, Linux, Android and iOS - as well as multiple centralised management modes to simplify deployment, streamline IT operations, and meet both internal and external compliance requirements.

# K7 M-Series UTM

Suitable for Scalable solutions designed for high speed Enterprise networks.

## Product Specifications

Throughput Specification	K7 M-Series					
	350 Concurrent Users		500 Concurrent Users		600 Concurrent Users	
Model Name	K7M6350	K7M8350	K7M6500	K7M8500	K7M6600	K7M8600
Ports	6	8	6	8	6	8
Concurrent Session	8500000	8800000	17500000	17530000	20000000	21000000
New Sessions/sec	145000	148000	255000	270000	250000	260000
Firewall Throughput (UDP)	6 Gbps	10 Gbps	6 Gbps	10 Gbps	6 Gbps	10 Gbps
Firewall Throughput (TCP)	6 Gbps	8 Gbps	6 Gbps	8 Gbps	6 Gbps	8 Gbps
UTM Throughput	1.2 Gbps	2.3 Gbps	5.4 Gbps	5.6 Gbps	5.4 Gbps	5.6 Gbps
IPS Throughput	2.5 Gbps	2.7 Gbps	7.5 Gbps	9 Gbps	7.5 Gbps	9 Gbps
VPN Throughput	1.1 Gbps	1.6 Gbps	2.9 Gbps	3.2 Gbps	2.9 Gbps	3.2 Gbps
VPN Tunnels	5	10	5	10	5	10
User Management AAA	Yes					
Hardware Specification						
Gigabit Ethernet Ports	1xLAN + 5xLAN/WAN/DMZ Combo (6 Ports)					
	1xLAN + 7xLAN/WAN / DMZ Combo + 2SFP (10 Port)					
RAM DDR3	4GB					
Storage (SSD)	32GB (D)/ 64GB (O)	32GB (D)/ 64GB (O)	32GB (D)/ 64GB (O)	32GB (D)/ 64GB (O)	32GB (D)/ 64GB (O)	32GB (D)/ 64GB (O)
USB / VGA Port	2/1					
Form Factor	Rack Mount	Rack Mount	Rack Mount	Rack Mount	Rack Mount	Rack Mount
Dimensions (mm) - (HxWxD)	44x360x270	44x430x360	44x360x270	44x430x360	44x360x270	44x430x360
Weight (KG)	4.5	4.7	4.5	4.7	4.5	4.7
Color	Orange	Grey	Orange	Grey	Orange	Grey
Power Supply	AC 3-Pin	230V AC	AC 3-Pin	230V AC	AC 3-Pin	230V AC
Input Voltage	100-240V/50-60Hz					
Consumption	80W	80W	90W	90W	100W	100W
Total Heat Dissipation (BTU)	220	220	250	250	260	260
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
350 Users	6	K7M6350-D	K7M6350-H	K7M6350-O	K7M6350-E
	8 + 2SFP	K7M8350-D	K7M8350-H	K7M8350-O	K7M8350-E
500 Users	6	K7M6500-D	K7M6500-H	K7M6500-O	K7M6500-E
	8 + 2SFP	K7M8500-D	K7M8500-H	K7M8500-O	K7M8500-E
600 Users	6	K7M6600-D	K7M6600-H	K7M6600-O	K7M6600-E

Note:

Product comes with 8 1xGE Copper and 2 Optional SFP Ports (support both 1G or 10G SFP Modules). Default AAA Hotspot is part of the product pricing and optional modules HH /OH / EH is available as add on module and need to be purchased separately.

\*Restriction & conditions apply

## K7 Computing Private Limited

4th Floor, Tower - B, Tek Meadows, 51 Rajiv Gandhi Salai, Sholinganallur, Chennai - 600 119, Tamil Nadu, India.

© 2019 K7 Computing Private Limited, All Rights Reserved.

## 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

