

Hardware



High Resistance Firewall

MODEL	L	M	S
Application Level Gateway			
Power Supply	2 x 650 W	2 x 800 W	1 x 250 W
Revision	4.0	4.0	4.0
CPU	12 Cores, 3.5 GHz	6 Cores, 3.5 GHz	6 Cores, 2.3 GHz
Memory	32 GB ECC	32 GB ECC	32 GB ECC
Network interfaces min.	2 x 1 Gbit/s + 2 x 10 Gbit/s	4 x 1 Gbit/s	2 x 1 Gbit/s + 2 x 10 Gbit/s
Network interfaces max.	14 x 1 Gbit/s + 2 x 10 Gbit/s	10 x 1 Gbit/s	6 x 1 Gbit/s + 2 x 10 Gbit/s
Network interfaces 10 Gbit/s max.	2 x 1 Gbit/s + 14 x 10 Gbit/s ¹	4 x 1 Gbit/s + 4 x 10 Gbit/s ¹	-
Flash Drive	3 x 500 GB SSD	3 x 500 GB SSD	500 GB SSD
RAID level	1	1	-
Disk backup	+	+	-
DVD-ROM Drive	,	-	-
Graphics Connector	VGA, HDMI	VGA	VGA, DVI, 2 x DisplayPort
Serial Ports	2	2	2
USB Port	3.0	3.0	3.0
Smartcard Slot	-	-	Format ID-1
Packet Filter			
Revision	4.0	4.0	4.0
Power Supply	2 x 650 W	2 x 800 W	1 x 250 W
CPU	6 Cores, 3.5 GHz	6 Cores, 3.5 GHz	6 Cores, 2.3 GHz
Memory	32 GB ECC	32 GB ECC	32 GB ECC
Network interfaces min.	2 x 1 Gbit/s + 2 x 10 Gbit/s ¹	4 x 1 Gbit/s	2 x 1 Gbit/s + 2 x 10 Gbit/s
Network interfaces max.	10 x 1 Gbit/s + 2 x 10 Gbit/s ¹	10 x 1 Gbit/s	6 x 1 Gbit/s + 2 x 10 Gbit/s
Network interfaces 10 Gbit/s max.	2 x 1 Gbit/s + 10 x 10 Gbit/s ¹	4 x 1 Gbit/s + 4 x 10 Gbit/s ¹	-
DVD-ROM Drive	-	-	-
Graphics Connector	VGA, HDMI	VGA	VGA, DVI, 2 x DisplayPort
Serial Ports	1	1	1
USB Port	3.0	3.0	3.0
Performance			
TCP	3175 Mbit/s ²	5475 Mbit/s ²	4411 Mbit/s ²
WWW	1696 Mbit/s ⁴	2513 Mbit/s ⁴	1742 Mbit/s ⁴
UDP	4320 Mbit/s ³	6820 Mbit/s ³	5640 Mbit/s ³

¹ 1/10 Gbit/s RJ45 or SFP+ with optional multi- or mono-mode fiber optic transceiver

² tcp relay, packets: TCP 1448 byte

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MODEL	L	M	S
Chassis			
Power consumption load	680 W	330 W	200 W
BTU/h load	2312	1126	340
Fixture	19" rackmount	19" rackmount	19" rackmount
Width	430 mm (19")	430 mm (19")	430 mm (19")
Height	176 mm (4 U)	88 mm (2 U)	88 mm (2 U)
Depth	500 mm	399 mm	460 mm
Weight ALG and PFL	25 kg	17 kg	12 kg
Weight ALG and PFL incl. packaging	max. 37 kg	20 kg	24 kg

L	ENVIRONMENT OPERATION	ENVIRONMENT STORAGE
Voltage ALG	100 - 240 V AC, 60 - 50 Hz, 8 - 4 A, connector 2x IEC-C14	-
Voltage PFL	100 - 240 V AC, 60 - 50 Hz, 8 - 4 A, connector 2x IEC-C14	-
Temperature	10 - 35 °C	-20 - 70 °C
Humidity	20 - 80 % non condensing	10 - 80 % non condensing
Shock	25 G: 2 ms	300 G: 2 ms
Vibration	5 - 500 Hz: 0.5 G	0 - 500 Hz: 3 G
Norms	CE	-

M	ENVIRONMENT OPERATION	ENVIRONMENT STORAGE
Voltage ALG	100 - 240 V AC, 60 - 50 Hz, 5.5 A, connector 2x IEC-C14	-
Voltage PFL	100 - 240 V AC, 60 - 50 Hz, 5.5 A, connector 2x IEC-C14	-
Temperature	10 - 35 °C	-40 - 60 °C
Humidity	8 - 90 % non condensing	5 - 95 % non condensing
Shock	20 G: 2 ms	10 - 20 G: 10 ms
Vibration	5 - 200 Hz: 0.25 G	5 - 200 Hz: 0.5 G
Norms	CE, UL, FCC, ICES, COC	-

S	ENVIRONMENT OPERATION	ENVIRONMENT STORAGE
Voltage ALG	100 - 240 V AC, 60 - 50 Hz, 4 - 2 A, connector 1x IEC-C14	-
Voltage PFL	100 - 240 V AC, 60 - 50 Hz, 4 - 2 A, connector 1x IEC-C14	-
Temperature	10 - 35 °C	-20 - 70 °C
Humidity	20 - 80 % non condensing	10 - 80 % non condensing
Shock	25 G: 2 ms	300 G: 2 ms
Vibration	5 - 500 Hz: 0.5 G	0 - 500 Hz: 3 G
Norms	CE	-