



# genugate Hardware



Model	L	M	S
<b>Application Level Gateway</b>			
Revision	1.0	1.0	1.0
CPU	8 Cores, 2.8 GHz	2 Cores, 2.4 GHz	2 Cores, 1.7 GHz
Memory	32 GB ECC	8 GB ECC	8 GB
Network interfaces min.	4 x 1 Gbit/s <sup>1</sup>	4 x 1 Gbit/s <sup>1</sup>	4 x 1 Gbit/s
Network interfaces max.	14 x 1 Gbit/s <sup>1</sup>	10 x 1 Gbit/s <sup>1</sup>	4 x 1 Gbit/s
Network interfaces 10 Gbit/s max. <sup>2</sup>	6 x 1 Gbit/s + 8 x 10 Gbit/s	2 x 1 Gbit/s + 4 x 10 Gbit/s	–
Flash	256 GB SSD	128 GB SSD	128 GB SSD
Controller	SAS	SATA	SATA
RAID-level	1	1	–
Disk backup	+	+	–
DVD-RW	+	+	–
VGA	+	+	–
Serial	2	2	1 x RJ45
USB	2.0	2.0	2.0
Power supply	2 x 650 W	2 x 650 W	26.4 W
<b>Packet Filter</b>			
Revision	1.0	1.0	1.0
CPU	2 Cores, 3.5 GHz	2 Cores, 3.5 GHz	2 Cores, 1.7 GHz
Memory	4 GB ECC	4 GB ECC	2 GB
Network interfaces min.	4 x 1 Gbit/s <sup>1</sup>	4 x 1 Gbit/s <sup>1</sup>	4 x 1 Gbit/s
Network interfaces max.	10 x 1 Gbit/s <sup>1</sup>	10 x 1 Gbit/s <sup>1</sup>	4 x 1 Gbit/s
Network interfaces 10 Gbit/s max. <sup>2</sup>	4 x 1 Gbit/s + 6 x 10 Gbit/s	4 x 1 Gbit/s + 6 x 10 Gbit/s	–
DVD-RW	+	+	–
VGA	+	+	–
Serial	2	2	1 x RJ45
USB	2.0	2.0	2.0
Power supply	2 x 650 W	2 x 650 W	26.4 W
<b>Performance</b>			
TCP <sup>3</sup>	1980 Mbit/s	1620 Mbit/s	400 Mbit/s
WWW <sup>4</sup>	1360 Mbit/s	940 Mbit/s	230 Mbit/s
UDP <sup>5</sup>	3620 Mbit/s	2940 Mbit/s	700 Mbit/s
<b>Chassis</b>			
Power consumption	max. 351 W (computed value)	max. 244 W (computed value)	max. 60 W
Width	430 mm (19")	430 mm (19")	430 mm (19")
Height	176 mm (4 U)	176 mm (4 U)	42 mm
Depth	635 mm	635 mm	250 mm
Weight	max. 34 kg	max. 34 kg	max. 2.5 kg

<sup>1</sup> Fiber optional

<sup>2</sup> 10 Gbit/s SFP+, multi- or monomode fiber optic transceiver optional

<sup>3</sup> TCP relay, packets: TCP 1448 byte

<sup>4</sup> WWW relay, predefined set of webpages

<sup>5</sup> UDP relay, packets: UDP 1470 byte



Environment L / M	Operation	Storage
Voltage	90–264 V AC, 47–63 Hz, 3.5 A/1.5 A, 115 V AC/230 V AC	–
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	0–500 Hz/0.25 G	0–500 Hz/3 G
Norms	CE	–

Environment S	Operation	Storage
Voltage	100–240 V AC, 50/60 Hz, 0.2–0.1 A	–
Temperature	0–50° C at 50 % humidity, non condensing	-20–70° C at 50 % humidity, non condensing
Humidity	10–90 % non condensing at 40° C	10–80 % non condensing
Shock	1 G 11 ms half-sine	10 G 11 ms half-sine
Vibration	5–500 Hz, PSD 0.02 G <sup>2</sup> /Hz, 0.5 Grms	5–500 Hz, PSD 0.02 G <sup>2</sup> /Hz, 5.0 Grms
Norms	EN 55022 Class B, EN 55024 Class A/B	–