



# Hardware Platforms for GeNUScreen and GeNUBox



Hardware	100B	100C	100IM
Revision	1	4	1
CPU	AMD	AMD	AMD
Memory	256 MB	256 MB	256 MB
Network Interfaces min.	3 x 100 Mbit/s	3 x 100 Mbit/s	3 x 100 Mbit/s
Network Interfaces max.	3 x 100 Mbit/s	3 x 100 Mbit/s + 1 x 1 Gbit/s	3 x 100 Mbit/s + 1 x 1 Gbit/s
Compact Flash	1 GB	1 GB	1 GB
Controller	IDE	IDE	IDE
Serial	1	2	2 + 1 x RS485
USB	2 x 2.0	2 x 2.0	2 x 2.0
Smartcard Reader	optional extern	Format ID-1	optional extern
Display	-	+	+
Performance	100B	100C	100IM
Firewall	87 Mbit/s	97 Mbit/s	97 Mbit/s
IPsec	50 Mbit/s	50 Mbit/s	50 Mbit/s
Chassis	100B	100C	100IM
Power supply	22 W	25 W	extern
Power consumption	6 W	6 W / 8 W (incl. 4th NIC)	6 W / 8 W (incl. 4th NIC)
Width	158 mm	270 mm	185 mm
Height	25 mm	44 mm (1 U)	71 mm
Depth	155 mm	197.5 mm	178.1 mm
Environment	100B	100C	100IM
AC / DC Voltage	AC Voltage, 100–240 V, 50–60 Hz	DC Voltage, 7–26 V	DC Voltage, 7–18 V
Operating temperature	0–50 C	0–50 C	0–50 C
Humidity	20–85 % non-condensing	20–85 % non-condensing	20–85 % non-condensing
Norms	CE	CE	CE

Hardware	300S	400	500S
Revision	5	5	5
CPU	Intel Celeron	Intel Core2	Intel Core2
Memory	2 GB ECC	4 GB ECC	4 GB ECC
Network Interfaces min. <sup>1</sup>	2 x 1 Gbit/s	4 x 1 Gbit/s	2 x 1 Gbit/s
Network Interfaces max. <sup>1</sup>	6 x 1 Gbit/s	10 x 1 Gbit/s	6 x 1 Gbit/s
Controller	SATA	SATA	SATA
RAID-level	-	1	-
Harddisk	250 GB	160 GB	160 GB
DVD-Rom	+	+	+
VGA	+	+	+
Serial	2	2	2
USB	2.0	2.0	2.0
Smartcard Reader	optional extern	optional extern	optional extern
Performance	300S	400	500S
Firewall	940 Mbit/s	940 Mbit/s	940 Mbit/s
IPsec	510 Mbit/s	900 Mbit/s	900 Mbit/s

<sup>1</sup> Fiber optional



Chassis	300S	400	500S
Power supply	300 W	2 x 600 W	300 W
Power consumption	max. 115 W	max. 180 W	max. 125 W
Width	430 mm (19")	430 mm (19")	430 mm (19")
Height	43 mm (1 U)	89 mm (2 U)	43 mm (1 U)
Depth	460 mm	633 mm	460 mm
Environment 300S / 400 / 500S	Operation	Recommended	Storage
AC Voltage	100–240 V, 50/60 Hz, 4 A	–	–
Temperature	10–35 C	20–25 C	-20–70 C
Humidity	20–80 %	45–60 %	10–80 %
Altitude	max. 2000 m	0–2000 m	max. 12000 m
Shock	25 G/2 ms	–	300 G/2 ms
Vibration	0–500 Hz/0,25 G	–	0–500 Hz/3 G
Norms	CE		

Hardware	600	700	800
Revision	5	5	5
CPU	Intel Xeon	Intel Xeon	2 x Intel Xeon
Memory	6 GB ECC	6 GB ECC	12 GB ECC
Network Interfaces min. <sup>2</sup>	4 x 1 Gbit/s	4 x 1 Gbit/s	4 x 1 Gbit/s
Network Interfaces max. <sup>2</sup>	14 x 1 Gbit/s	14 x 1 Gbit/s	14 x 1 Gbit/s
Controller	SAS	SAS	SAS
RAID-level	1	–	1
Harddisk	147 GB	147 GB	147 GB
DVD-Rom	+	+	+
VGA	+	+	+
Serial	2	2	2
USB	2.0	2.0	2.0
Smartcard Reader	optional extern	optional extern	optional extern
Performance	600	700	800
Firewall	3690 Mbit/s	4210 Mbit/s	3735 Mbit/s
IPsec	1900 Mbit/s	2540 Mbit/s	1960 Mbit/s
Chassis	600	700	800
Power supply	2 x 600 W	2 x 600 W	2 x 600 W
Power consumption	max. 250 W	max. 415 W	max. 415 W
Width	430 mm (19")	430 mm (19")	430 mm (19")
Height	89 mm (2 U)	89 mm (2 U)	89 mm (2 U)
Depth	633 mm	633 mm	633 mm
Environment 600 / 700 / 800	Operation	Recommended	Storage
AC Voltage	100–240 V, 50/60 Hz, 4 A	–	–
Temperature	10–35 C	20–25 C	-20–70 C
Humidity	20–80 %	45–60 %	10–80 %
Altitude	max. 2000 m	0–2000 m	max. 12000 m
Shock	25 G/2 ms	–	300 G/2 ms
Vibration	0–500 Hz/0,25 G	–	0–500 Hz/3 G
Norms	CE		

<sup>2</sup> Fiber and 10 Gbit/s optional