



## Hardware Specifications

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### ***Clavister Security Gateways*** ***SG10/SG50/SG3200/SG4200/SG4400/SG5500***

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# Section 1. Clavister Hardware Series

This document describes the physical characteristics of the Clavister hardware family which is made up of:

- **The SG10 Series** - A security gateway appliance designed as customer premises equipment (CPE) provided by a managed service provider (MSP).



- **The SG50 Series** - A small business/branch office security gateway appliance.



- **The SG3200 Series** - A mid-range security gateway appliance.



- **The SG4200 Series** - A mid to high-end security gateway appliance.



- **The SG4400 Series** - A high end security gateway appliance.



- **The SG5500 Series** - A high-end appliance primarily designed for telecom applications.



## Hardware Series Designations

The word *Series* refers to the different models that are marketed by Clavister eg. SG51, SSG52, SG53. All use the base SG50 appliance and the different designations refer to the capabilities of the Clavister software license packaged with the base SG50 hardware.

## Section 2. Installation and Environment

### Physical Form

	SG10	SG50	SG3200	SG4200	SG4400	SG5500
H x W x D (mm)	30x240x160	35x260x190	44x431x361	44x440x440	88x440x440	177x426x670
Weight (kilos)	1.1	1.2	4.4	7.0	12.0	33 (80 if full)
Form Factor	Desktop		1U		2U	4U (Chassis)
Desk Mountable	Yes					
Rack Mount 19"	No		Yes			

### Electrical Power Supply

	SG10	SG50	SG3200	SG4200	SG4400	SG5500
AC Supply	100-240V 50 to 60 Hz AC					
DC Supply	NA		36V DC to 72V DC			NA
No. of PSUs	1				2	7
Hot-swappable	No				Yes	

### Regulatory and Safety Standards

	SG10	SG50	SG3200	SG4200	SG4400	SG5500
Safety	UL, CE					CB, UL, TÜV
EMC	FCC class A CE class A		FCC class A CE class A VCCI class A			FCC class B CE EN 300 386:2003 Class B ETS 300 019-2-1 class 1.2 ETS 300 019-2-2 class 2.3 ETS 300 019-2-3 class 3.2

### Environmental Limits

	SG10	SG50	SG3200	SG4200	SG4400	SG5500
Humidity Limits	20% to 95% noncondensing					
Operational Temperature	5 to 55° C					5 to 50° C
Vibration Limits	0.41 Grms <sup>2</sup> (3-500 Hz)					
Shock Limits	30G					
Mechanical Limits	Mechanically active substances limit: ETS 300 019-2-3 class 3.1					class 3.2

### Cooling Fans (excluding PSUs)

	SG10	SG50	SG3200	SG4200	SG4400	SG5500
Total Number of Fans	0		2	4	2	8
Number of Fan Modules	0		1	1	1	4
User-swappable	No			Yes		
Hot-swappable	No					Yes

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## Section 3. Operation

### Ethernet Interfaces

	SG10	SG50	SG3200	SG4200	SG4400	SG5500
100Base-TX	2 + 4 switched	3 + 7 switched	0	4		0
1000Base-TX	0		6	2		0
Gigabit SFP	0			8		0

### Ethernet MAC Address Connections

	SG10	SG50	SG3200	SG4200	SG4400	SG5500
Connection Number	ARP table size limited by license	Unlimited				

### Hardware Acceleration

	SG10	SG50	SG3200	SG4200	SG4400	SG5500
IPsec Acceleration	Yes					
Anti-virus/IDP Acceleration	No	Option	No	Option		No