

## Hardware



### VPN Appliance



MODEL	S	XSo
<b>Hardware</b>		
Revision	4.0	2.0
CPU	2 Cores, 2.0 GHz	2 Cores, 1.0 GHz
Memory	8 GB	2 GB
Network interfaces min.	4 x 1 Gbit/s	3 x 1 Gbit/s
Network interfaces max.	6 x 1 Gbit/s <sup>1</sup>	3 x 1 Gbit/s
Network interfaces 10 Gbit/s max.	-	-
Flash Drive	64 GB SSD	8 GB
DVD-ROM Drive	-	-
Graphics Connector	HDMI	HDMI
Serial Ports	2	2
USB Port	3.0	2.0
Smartcard Slot	Format ID-1	optional extern
<b>Performance</b>		
Firewall TCP	942 Mbit/s <sup>2</sup>	-
Firewall UDP	1970 Mbit/s <sup>3</sup>	-
IPsec TCP	905 Mbit/s <sup>4</sup>	160 Mbit/s <sup>6</sup>
IPsec UDP	1894 Mbit/s <sup>5</sup>	190 Mbit/s <sup>7</sup>
<b>Chassis</b>		
Power Supply	external 65 W	external 36 W
Power consumption load	50 W	11 W
BTU/h load	170.5	37.51
Fixture	19" rackmount optional	-
Width	270 mm	164 mm
Height	44 mm (1 U)	30 mm
Depth	198 mm	143 mm
Weight	1.8 kg	0.9 kg
Weight (incl. Packaging)	2.0 kg	2.0 kg

<sup>1</sup> 2x 1 Gbit/s RJ45 or SFP with optional multi- or mono-mode fiber optic transceiver

<sup>2</sup> tcp packets: 1448 byte

<sup>3</sup> udp packets: 1500 byte bidirectional

<sup>4</sup> Transparent IPsec tunnel (AES GCM, sha2-256), packets: TCP 1448 byte, with hardware acceleration (AES-NI)

<sup>5</sup> Transparent IPsec tunnel (AES GCM, sha2-256), packets: UDP 1400 byte bidirectional, with hardware acceleration (AES-NI)

<sup>6</sup> Transparent IPsec tunnel (AES GCM, sha2-256), packets: tcp 1448 byte

<sup>7</sup> Transparent IPsec tunnel (AES GCM, sha2-256), packets: udp 1400 byte bidirectional

## Hardware



S	ENVIRONMENT OPERATION	ENVIRONMENT STORAGE
Voltage	90 - 240 V AC, 63 - 47 Hz, 1.0 A, connector 1x IEC-C14	-
Temperature	0 - 50 °C	-20 - 60 °C
Humidity	10 - 90 % non condensing	10 - 90 % non condensing
Shock	15 G / 11 ms	25 G / 6 ms
Vibration	2 - 9 Hz: 3,5 mm amplitude, 9 - 200 Hz: 1 G	2 - 9 Hz: 3,5 mm amplitude, 9 - 200 Hz: 1 G
Norms	CE, UL	-

XSo	ENVIRONMENT OPERATION	ENVIRONMENT STORAGE
Voltage	90 - 240 V AC, 47 - 63 Hz	-
Temperature	0 - 50 °C at 50 % humidity, non condensing	-20 - 70 °C
Humidity	20 - 80 % non condensing	5 - 95 % (non-condensing)
Shock	1 G 11 ms half-sine	10 G 11 ms half-sine
Vibration	IEC 60068-3-64, 0.5 Grms, Random 5 - 500 Hz, 40 Mins/Axis	IEC 60068-3-64, 0.5 Grms, Random 5 - 500 Hz, 40 Mins/Axis
Norms	CE	-