



Saisei Hardware Specifications

	STM-EO	STM-1G	STM-2G	STM-HCPro	STM-R7525
Visibility and Policy Control					
Shaping Throughput Full-Duplex	Up to 250Mbps	Up to 1Gbps	Up to 2Gbps	Up to 20Gbps	Up to 100Gbps
Concurrent Flows	180,000	750,000	2,000,000	18,000,000	60,000,000
Packets Per Second	75,000/s	350,000/s	1,000,000/s	8,000,000/s	25,000,000/s
Networking					
Ethernet Interface	3 x 1GE RJ45	4 x 1GE RJ45	4 x 1GE RJ45	-	-
Ethernet Bypass Bridge Pairs	1	2	2	Up to 16 x 1GE Up to 8 x 10GE	Up to 32 x 1GE Up to 16 x 10GE Up to 4 x 40/100GE
Management Interface	1 x 1GE RJ45	2 x 1GE RJ45	2 x 1GE RJ45	1 x 1GE RJ45	2 x 1GE RJ45
Serial Console	1 x RJ45	1 x RJ45	1 x RJ45	1 x RJ45	1 x RJ45
USB	2 x USB 3.0	2 x USB 3.0	2 x USB 2.0	2 x USB 3.0	2 x USB 2.0 1 x USB 3.0
Network Interface Card (NIC) Module slot	-	-	1	8	8
Physical Characteristics					
Form Factor	Tabletop	1U 19" Rackmount	1U 19" Rackmount	2U 19" Rackmount	2U 19" Rackmount
Unit Dimensions (WxDxH) (mm)	146 x 118 x 34	231 x 200 x 44	431 x 305 x 44	438 x 600 x 88	434 x 736 x 87
Unit Weight	0.6 kg	1.2 kg	4 kg	24 kg	36 kg
Power Supply Unit	W Power Adapter AC 100~240V @50~60Hz, 3A	40W Power Adapter AC 100~240V @50~60Hz, 1.7A	150W ATX Power Supply AC 100~240 V @50~60 Hz	850W 1+1 ATX Redundant PSUs AC 100V~240V @47~63Hz	1100W 1+1 ATX Redundant PSUs AC 100V~240V @47~63Hz
Operating temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
Approvals and Compliance	CE/FCC Class B, UL, RoHS	CE/FCC Class B, UL, RoHS	CE Class A, FCC Class A, UL, RoHS	CE/FCC, UL, RoHS	CE/FCC, UL, RoHS
Support					
End of Life (EOL) Announced	N/A	N/A	N/A	N/A	N/A
End of Support (EOS) Announced	N/A	N/A	N/A	N/A	N/A

Available NIC Module	
STM-4X1GE	Network Extension Module - 4 ports 1GE RJ45 ethernet with 2 pairs bypass
STM-4X10GFB-SR	Network Extension Module - 4 ports 1G Fiber Short-Range (Multi-Mode) with 2 pair bypass
STM-2X10GE	Network Extension Module - 2 ports 10GE RJ45 ethernet with 1 pair bypass
STM-2X10GFB-SR	Network Extension Module - 2 ports 10G Fiber Short-Range (Multi-Mode) with 1 pair bypass
STM-4X10GFB-SR	Network Extension Module - 4 ports 10G Fiber Short-Range (Multi-Mode) with 2 pair bypass

Last updated: April 14th, 2023