



## Saisei Hardware Specifications

	STM-E0	STM-1G	STM-2G	STM-HCPro	STM-R7525
<b>Visibility and Policy Control</b>					
<b>Shaping Throughput Full-Duplex</b>	Up to 250Mbps	Up to 1Gbps	Up to 2Gbps	Up to 20Gbps	Up to 100Gbps
<b>Concurrent Flows</b>	180,000	750,000	2,000,000	18,000,000	60,000,000
<b>Packets Per Second</b>	75,000/s	350,000/s	1,000,000/s	8,000,000/s	25,000,000/s
<b>Networking</b>					
<b>Ethernet Interface</b>	3 x 1GE RJ45	4 x 1GE RJ45	4 x 1GE RJ45	-	-
<b>Ethernet Bypass Bridge Pairs</b>	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
<b>Management Interface</b>	1 x 1GE RJ45	2 x 1GE RJ45	2 x 1GE RJ45	1 x 1GE RJ45	2 x 1GE RJ45
<b>Serial Console</b>	1 x RJ45	1 x RJ45	1 x RJ45	1 x RJ45	1 x RJ45
<b>USB</b>	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
<b>Network Interface Card (NIC) Module slot</b>	-	-	1	8	8
<b>Physical Characteristics</b>					
<b>Form Factor</b>	Tabletop	1U 19" Rackmount	1U 19" Rackmount	2U 19" Rackmount	2U 19" Rackmount
<b>Unit Dimensions (WxDxH) (mm)</b>	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
<b>Unit Weight</b>	0.6 kg	1.2 kg	4 kg	24 kg	36 kg
<b>Power Supply Unit</b>	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
<b>Operating temperature</b>	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
<b>Approvals and Compliance</b>	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

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