




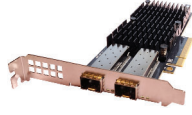
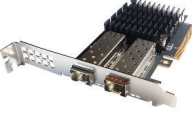


## HotLava Product Comparison

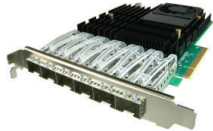



www.hotlavasystems.com

	Model Name	Aggregate Bandwidth	Port Speed	Number of Ports	Port Type	Cable Type	Slot Type	Number of PCIe Lanes	Ethernet Controller	Height	Part Number
<b>25 and 40 Gigabit Ethernet Adapters</b>											
	St. Helens 200G4Q-XL	100 Gb/s	10/40GbE	4	QSFP+	MMF SMF AOC DA	PCI-e Gen3 8GT/s	16	Two Intel XL710-BM2	Full Height	4QF3AD0A1
	St. Helens 160G2Q-XL	80 Gb/s	10/40GbE	2	QSFP+	MMF SMF AOC DA	PCI-e Gen3 8GT/s	16	Two Intel XL710-BM1	Low Profile	2QF3AC0A1
	St. Helens 100G2Q-XL	50 Gb/s	10/40GbE	2	QSFP+	MMF SMF AOC DA	PCI-e Gen3 8GT/s	8	One Intel XL710-BM2	Low Profile	2QF38D0A1
	St. Helens 80G1Q-XL	40 Gb/s	10/40GbE	1	QSFP+	MMF SMF AOC DA	PCI-e Gen3 8GT/s	8	One Intel XL710-BM1	Low Profile	1QF38C0A1
	Rainier 25G4SS	100 Gb/s	1/10/25GbE	4	SFP28	MMF SMF AOC DA	PCI-e Gen3 8GT/s	16 requires x4x4x4x4 bifurcation setting in BIOS	Four Broadcom BCM57412	Full Height	4S73AM0A1
	Rainier 25G2SS	50 Gb/s	1/10/25GbE	2	SFP28	MMF SMF AOC DA	PCI-e Gen3 8GT/s	8 requires x4x4 bifurcation setting in BIOS	Two Broadcom BCM57412	Low Profile	2S738M3A1
	Rainier 25G2SB	50 Gb/s	1/10/25GbE	2	SFP28	MMF SMF AOC DA	PCI-e Gen3 8GT/s	8	One Broadcom BCM57414	Low Profile	2S738L0A4





**HotLava Product Comparison**  
www.hotlavasystems.com

Model Name	Aggregate Bandwidth	Port Speed	Number of Ports	Port Type	Cable	Slot Type	Number of PCIe Lanes	Ethernet Controller	Height	Part Number
------------	---------------------	------------	-----------------	-----------	-------	-----------	----------------------	---------------------	--------	-------------



**10 Gigabit Ethernet Adapters**

	Tambora 120G6S-G3	54 Gb/s	10GbE	6	SFP+	MMF SMF AOC DA	PCI-e Gen3 8GT/s	8	Three Intel 82599ES	Full	6ST3830A1F1
	Tambora 120G6S	54 Gb/s	10GbE	6	SFP+	MMF SMF AOC DA	PCI-e Gen2 5GT/s	16	Three Intel 82599ES	Full	6ST2A30A2F1
	St. Helens 80G4S-XL	40 Gb/s	1/10GbE	4	SFP+	MMF SMF AOC DA	PCI-e Gen3 8GT/s	8	One Intel XL710-BM1	Low Profile	4S638C0A1
	Tambora 40G2S	20 Gb/s	10GbE	2	SFP+	MMF SMF AOC DA	PCI-e Gen2 5GT/s	8	One Intel 82599ES	Low Profile	2ST2830A1

**1 Gigabit Ethernet Adapters**

	Diamond Head 8G4C	4 Gb/s	1GbE	4	RJ45	CAT5e or higher	PCI-e Gen2 5GT/s	4	One Intel I350	Low Profile	4C12470A3
	Diamond Head 12G6CC	6 Gb/s	1GbE	6	RJ45	CAT5e or higher	PCI-e Gen2 5GT/s	4	Two Intel I350	Full	6C12470B1
	Sumatra 12G6SB	6 Gb/s	1GbE	6	SFP	MMF SMF AOC DA	PCI-e Gen2 5GT/s	4	Two Intel I350	Full	6S12470A1
	Rainier 1G6C	6 Gb/s	1GbE	6	RJ45	CAT5e or higher	PCI-e Gen2 5GT/s	8 requires x4x4 bifurcation setting in BIOS	Two Broadcom BCM5719/20	Full	6C128NP0A1

## 1 Gigabit Ethernet Adapters

<b>HotLava Product Comparison</b> <a href="http://www.hotlavasystems.com">www.hotlavasystems.com</a>	Model Name	Aggregate Bandwidth	Port Speed	Number of Ports	Port Type	Cable	Slot Type	Number of PCIe Lanes	Ethernet Controller	Height	Part Number
	Sumatra 8G4S-350	4 Gb/s	1GbE	4	SFP	MMF SMF AOC DA	PCI-e Gen2 5GT/s	4	One Intel I350	Low Profile	4S12470A3
	Sumatra 4G2S-350	2 Gb/s	1GbE	2	SFP	MMF SMF AOC DA	PCI-e Gen2 5GT/s	4	One Intel I350	Low Profile	2S124B0A1