




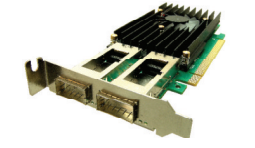
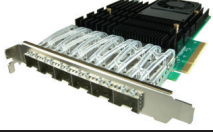

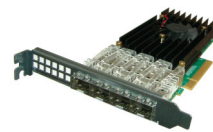
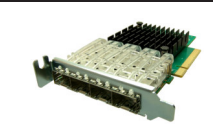
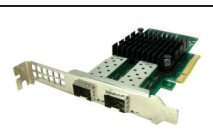

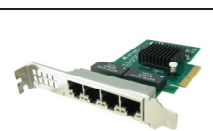
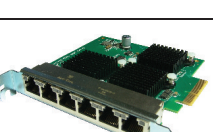


<b>HotLava Product Comparison</b> <a href="http://www.hotlavasystems.com">www.hotlavasystems.com</a>	Model Name	Sustained Aggregate Bandwidth (half-duplex)	Port Speed	Number of Ports	Port Type	Cable	Slot Type	Number of Lanes	Ethernet Controller	Height	Part Number
<b>40 Gigabit Ethernet Adapters</b>											
	St. Helens 200G4Q-XL	100 Gb/s	10/40GbE	4	QSFP+	MMF SMF AOC DA	PCI-e 3.0, 8GT/s	16	Two Intel XL710-BM2	Full	4QF3AD0A1
	St. Helens 160G2Q-XL	80 Gb/s	10/40GbE	2	QSFP+	MMF SMF AOC DA	PCI-e 3.0, 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 3.0, 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 3.0, 8GT/s	8	One Intel XL710-BM1	Low Profile	1QF38C0A1
	Fuji 240G3Q	100 Gb/s	40/56GbE Supports Ethernet & Infiniband	3	QSFP+	MMF SMF AOC DA	PCI-e 3.0, 8GT/s	16	Three Mellanox ConnectX-3	Full	3QF3A60A2
	Fuji 160G2Q	80 Gb/s 100 Gb/s*	40/56GbE Supports Ethernet & Infiniband	2	QSFP+	MMF SMF AOC DA	PCI-e 3.0, 8GT/s	16	Two Mellanox ConnectX-3	Low Profile	2QF3A60A1




\* When connected in 56G mode to another HotLava Fuji NIC, Mellanox 40/56G NIC or Mellanox 40/56G switch.

## HotLava Product Comparison

www.hotlavasystems.com

	Model Name	Sustained Aggregate Bandwidth (half-duplex)	Port Speed	Number of Ports	Port Type	Cable	Slot Type	Number of Lanes	Ethernet Controller	Height	Part Number
<b>10 Gigabit Ethernet Adapters</b>											
	Tambora 120G6S-G3	54 Gb/s	10GbE	6	SFP+	MMF SMF AOC DA	PCI-e 3.0, 8GT/s	8	Intel 82599ES	Full	6ST3830A1F1
	Tambora 120G6S	54 Gb/s	10GbE	6	SFP+	MMF SMF AOC DA	PCI-e 2.0, 5GT/s	16	Intel 82599ES	Full	6ST2A30A2F1
	Tambora 80G4S-G3	40 Gb/s	1/10GbE	4	SFP+	MMF SMF AOC DA	PCI-e 3.0, 8GT/s	8	Intel 82599ES	Low Profile	4ST3830A1
	St. Helens 80G4S-XL	40 Gb/s	1/10GbE	4	SFP+	MMF SMF AOC DA	PCI-e 3.0, 8GT/s	8	Intel XL710-BM1	Low Profile	4S638C0A1
	Tambora 40G2S	20 Gb/s	10GbE	2	SFP+	MMF SMF AOC DA	PCI-e 2.0, 5GT/s	8	Intel 82599ES	Low Profile	2ST2830A1
<b>1 Gigabit Ethernet Adapters</b>											
	Shasta 12G6C	6 Gb/s	1GbE	6	RJ45	CAT5 or higher	PCI-e 2.0, 5GT/s	4	Intel 82576EB	Full	6C12420A2
	Diamond Head 8G4C	4 Gb/s	1GbE	4	RJ45	CAT5 or higher	PCI-e 2.0, 5GT/s	4	Intel I350	Low Profile	4C12470A3
	Diamond Head 12G6CC	6 Gb/s	1GbE	6	RJ45	CAT5 or higher	PCI-e 2.0, 5GT/s	4	Intel I350	Full	6C12470B1

## 1 Gigabit Ethernet Adapters

<b>HotLava Product Comparison</b> <a href="http://www.hotlavasystems.com">www.hotlavasystems.com</a>	Model Name	Sustained Aggregate Bandwidth (half-duplex)	Port Speed	Number of Ports	Port Type	Cable	Slot Type	Number of Lanes	Ethernet Controller	Height	Part Number
	Sumatra 12G6SB	6 Gb/s	1GbE	6	SFP	MMF SMF AOC DA	PCI-e 2.0, 5GT/s	4	Intel I350	Full	6S12470A1
	Sumatra 8G4S	4 Gb/s	1GbE	4	SFP	MMF SMF AOC DA	PCI-e 2.0, 5GT/s	4	Intel I350	Low Profile	4S12470A3
	Sumatra 4G2S	2 Gb/s	1GbE	2	SFP	MMF SMF AOC DA	PCI-e 2.0, 5GT/s	4	Intel I350	Low Profile	2S12450A1