

# Intel® Cluster Ready

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Certificate of Compliance  
for:

**Aspen Systems Inc.**  
**Kelly**

Number of nodes: 12 compute nodes and 1 head node

Date Issued: October 22, 2009

Certificate Number: 20091022001



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This certificate is only valid for the specific product corresponding to the attached bill of materials.

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# Bill of Materials

(Certificate Number: 20091022001)

## Hardware Components

Quantity	Item	Manufacturer	Model
1	Server Board (head node)	Supermicro*	MDB-X8DTN+
1	Server Chassis (head node)	Supermicro*	CSE-825TQ-R720LPBP-1
2	Intel Xeon Processors (head node)	Intel	Xeon X5560
6	4GB Memory (head node)	Kingston*	KVR1333D3D4R9S/4G
2	HDD (head node)	Hitachi*	0A38006
1	IPMI / IKVM (head node)	Supermicro*	AOC-SIMLP-B+
1	DDR Infiniband (head node)	Mellanox*	MHGS18-XTC
12	Server Board (compute nodes)	Supermicro*	MDB-X8DTU-F
12	Server Chassis (compute nodes)	Supermicro*	CSE-815TQ-R650UB
24	Intel Xeon Processors (compute nodes)	Intel	Xeon X5560
72	4GB Memory (compute nodes)	Kingston*	KVR1333D3D4R9S/4G
12	HDD (compute nodes)	Hitachi*	0A38006
12	DDR Infiniband (compute nodes)	Mellanox*	MHGS18-XTC

## Software Components

Distributed By	Description	File Name or location
Intel Corporation	Intel Cluster Checker v1.3.004	l_clck_p_1.3.004.tgz
Intel Corporation	Intel Cluster Runtime v2.1-2	intel-cluster-runtime-2.1-2.x86_64.rpm
Sun Microsystems*	Java Runtime Environment*, 6u16, 64bit	jre-6u16-linux-amd64.rpm
Cluster Resources*	Torque Resource Manager* v2.3.7	torque-2.3.7.tar.gz
Cluster Resources*	Maui Cluster Scheduler* v3.2.6p21	maui-3.2.6p21.tar.gz
CentOS*	CentOS 5.3	Kernel Ver. 2.6.18-164.el5
Aspen Systems Inc.*	Aspen Cluster Maintenance Environment* v0.2.0 (ACME)	ACME-host-0.2.0-1.x86_64.rpm
Aspen Systems Inc.*	Aspen Beowulf Cluster Management* v4.2.76-6 (ABC)	abc-server-4.2.76-6, abc-node-4.2.76-6