

Intel® Cluster Ready

Certificate of Compliance
for:

Intel Corporation
S5520UR-ICR1.2-HPC3.0.1-RH6.1-C1-v1.0

Number of nodes: 31 compute nodes and 1 mixed head-compute node

Date Issued: November 2, 2011

Certificate Number: 20111102001



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

The licensed trademark shall be used in accordance with the Intel® Cluster Ready Program Agreement entered into between Intel and your company.

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* Other names and brands may be claimed as the property of others.

Bill of Materials

(Certificate Number: 20111102001)

Hardware Components

Quantity	Item	Manufacturer	Model
Required Components			
32	Intel® server board Urbanna	Intel	S5520UR
	Intel server chassis	Intel	SR1600URSASBPP
	Intel HDD backplane	Intel	ASR1600PASBP
	2 Intel Xeon® Processors - Westmere.	Intel	X5660 @ 2.80GHz Stepping: B0
	6x 2GB DDR3 PC3-10600	Micron*	MT18JSF25672PDZ-1G4D1
	500Gb SATA Hard Disk Drive 3 Gbs	Seagate*	Barracuda* ST3500320NS
	DVD/CDRW - Slimline SR1550/SR1560	Intel	AXXDVDCDR
1	A low latency gigabit Ethernet switch.	Hewlett-Packard*	ProCurve* J4904A
	KVM over IP Solution	Avocent*	DSR8035
Optional Components			
32	InfiniBand cabling / QSFP connector	Mellanox*	MCC4Q30C-002 Copper Cable 4XQSFP 30AWG 2m
	ConnectX IB - Dual-Port InfiniBand Adapter Card QDR	Mellanox*	MHQB29-XTC Hw Revision: a0 Fw Version: 2.9.1000
1	MTS3600-BNC 36-port 20 and 40Gb/s InfiniBand Switch System	Mellanox*	MTS3600Q-1BNC

Software Components

Distributed By	Description	File Name or location
Intel Corporation	Intel Cluster Checker 1.8 Program registration is needed.	http://my.platform.com kit-intel-cluster-checker-1.8-1.x86_64.iso md5: 3cc90a7698518235b7c0d1e67ceb5c67
Intel Corporation	Reference Design Package The following files are included: * The Intel Cluster Checker files (config, head and node list) * The Reference Design Scripts * The Intel Cluster Ready Certificate * The Intel Cluster Ready Reference Implementation Release Notes	http://www.intel.com/go/cluster Intel_Cluster_Ready_Reference_Design-S5520UR-ICR1.2-HPC3.0.1-RH6.1-C1-v1.0.zip
Platform Computing*	Platform* HPC Enterprise Edition 3.0.1 Included kit list in the ISO image: * base * intel-vendor * nagios * os-ofed * pcm * platform-hpc-high-performance-computing-tools * platform-hpc-web-portal * platform-isf-ac * platform-lsf * platform-lsf-gpu * platform-mpi Site registration is needed.	http://my.platform.com hpc-3.0.1-intel-6135.rhel.iso md5: 7f326049371a5733aee3945c449d2035
Red Hat*	Red Hat* Enterprise Linux* 6.1	https://www.redhat.com/apps/download/RHEL6.1-20110510.1-Server-x86_64-DVD1.iso SHA256: b10e41b8476e0ba4b9b5902591e4e294fe3e9e1a
Intel Corporation	Intel Cluster Runtimes 3.3 Program registration is needed.	http://my.platform.com kit-intel-runtime-3.3-1.x86_64.iso md5: 58d1465c3a08d2cdd1b99aff07211a52