



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

ION
A20 (Intel Xeon processor 5080, 3.73GHz)

SPECint2000 = 1733
SPECint_base2000 = 1733

SPEC license #: 2697 Tested by: ION Test date: Jul-2006 Hardware Avail: Jul-2006 Software Avail: Jun-2006

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	108	1299	108	1299	
175.vpr	1400	121	1161	121	1161	
176.gcc	1100	56.2	1959	56.2	1959	
181.mcf	1800	107	1684	107	1684	
186.crafty	1000	57.8	1729	57.8	1729	
197.parser	1800	135	1331	135	1331	
252.eon	1300	53.6	2427	53.6	2427	
253.perlbmk	1800	82.5	2182	82.5	2182	
254.gap	1100	57.3	1920	57.3	1920	
255.vortex	1900	69.4	2740	69.4	2740	
256.bzip2	1500	111	1347	111	1347	
300.twolf	3000	175	1710	175	1710	

Hardware

CPU: Intel Xeon Processor 5080 (1066Mhz System Bus)
CPU MHz: 3733
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip (HyperThreading Technology disabled)
CPU(s) orderable: 1,2 chips
Parallel: No
Primary Cache: 12KB(I) + 16KB(D) on chip, per core
Secondary Cache: 2MB (I+D) on chip, per core
L3 Cache: None
Other Cache: None
Memory: 8 GB (8*1GB PC2-5300 FB-DIMMs)
Disk Subsystem: 1 x 400GB SATA, 7200rpm
Other Hardware: None

Software

Operating System: Red Hat Enterprise Linux ES 4 Update 3 for AMD64/Intel EM64T
Compiler: Intel(R) C++ Compiler for EM64T, V9.1 (Build 20060519)
File System: ext3
System State: Multi-user

Notes/Tuning Information

Tested by ION Computer Systems

BIOS 2.00 Build 54

HyperThreading Technology Disabled in BIOS

Enhanced SpeedStep Disabled in BIOS

kernel 2.6.9-34.0.1.ELsmp

+FDO: PASS1=-prof_gen PASS2=-prof_use

SPEC CINT2000 Baseline optimization flags:

C programs: -fast -auto_ilp32 +FDO

C++ programs: -fast -ansi_alias +FDO

+FDO: PASS1=-prof_gen PASS2=-prof_use

SPEC CINT2000 Peak optimization flags

basepeak=yes set globally

Portability Flags:

186.crafty: -DLINUX_i386

252.eon: -DHAS_ERRLIST

253.perlbmk: -DSPEC_CPU2000_NEED_BOOL -DSPEC_CPU2000_LINUX_I386

-DSPEC_CPU2000_LP64

Standard Performance Evaluation Corporation

info@spec.org

http://www.spec.org



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

ION

A20 (Intel Xeon processor 5080, 3.73GHz)

SPECint2000 = 1733

SPECint_base2000 = 1733

SPEC license #: 2697 | Tested by: ION | Test date: Jul-2006 | Hardware Avail: Jul-2006 | Software Avail: Jun-2006

Notes/Tuning Information (Continued)

254.gap: -DSPEC_CPU2000_LP64 -DSYS_IS_USG
255.vortex: -DSPEC_CPU2000_LP64