



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

ION
A20 (Intel Xeon processor 5060, 3.2GHz)

SPECint2000 = 1533
SPECint_base2000 = 1533

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	127	1105	127	1105	
175.vpr	1400	134	1042	134	1042	
176.gcc	1100	56.6	1944	56.6	1944	
181.mcf	1800	111	1624	111	1624	
186.crafty	1000	82.8	1208	82.8	1208	
197.parser	1800	139	1295	139	1295	
252.eon	1300	66.9	1943	66.9	1943	
253.perlbmk	1800	93.4	1927	93.4	1927	
254.gap	1100	62.4	1763	62.4	1763	
255.vortex	1900	77.1	2463	77.1	2463	
256.bzip2	1500	133	1126	133	1126	
300.twolf	3000	185	1618	185	1618	

Hardware

CPU: Intel Xeon Processor 5060 (1066Mhz System Bus)
 CPU MHz: 3200
 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 80GB SATA (Seagate ST380817AS Barracuda 7200rpm)
 Other Hardware: None

Software

Operating System: Red Hat Enterprise Linux ES 4 Update 3 for x86 (32-bit)
 Compiler: Intel(R) C++ Compiler for 32-bit apps, V9.1 (Build 20060706Z)
 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 +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

254.gap: -DSYS_IS_USG

Standard Performance Evaluation Corporation

info@spec.org

http://www.spec.org