



CINT2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

ION
A20 (Intel Xeon processor 5150, 2.66GHz)

SPECint_rate2000 = 104
SPECint_rate_base2000 = 104

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	88.2	73.6	4	88.2	73.6
175.vpr	4	85.2	76.2	4	85.2	76.2
176.gcc	4	45.0	114	4	45.0	114
181.mcf	4	104	80.1	4	104	80.1
186.crafty	4	40.6	114	4	40.6	114
197.parser	4	95.8	87.2	4	95.8	87.2
252.eon	4	41.7	145	4	41.7	145
253.perlbnk	4	59.4	141	4	59.4	141
254.gap	4	47.8	107	4	47.8	107
255.vortex	4	54.9	161	4	54.9	161
256.bzip2	4	103	67.3	4	103	67.3
300.twolf	4	101	138	4	101	138

Hardware

CPU: Intel Xeon Processor 5150 (1333Mhz System Bus)
CPU MHz: 2666
FPU: Integrated
CPU(s) enabled: 4 cores, 2 chips, 2 cores/chip
CPU(s) orderable: 1, 2 chips
Parallel: No
Primary Cache: 32KB(I) + 32KB(D) on chip, per core
Secondary Cache: 4MB (I+D) on chip, per chip
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 20060519Z)
File System: ext3
System State: Multi-user

Notes/Tuning Information

Tested by ION Computer Systems

BIOS 1.00 Build 45

Enhanced SpeedStep Disabled in BIOS

Hardware Prefetcher Enabled in BIOS (Default)

Adjacent Cache Line Prefetch Enabled in BIOS (Default)

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.perlbnk: -DSPEC_CPU2000_NEED_BOOL -DSPEC_CPU2000_LINUX_I386

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 5150, 2.66GHz)

SPECint_rate2000 = 104

SPECint_rate_base2000 = 104

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

Notes/Tuning Information (Continued)

254.gap: -DSYS_IS_USG