CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

ION Computer Systems

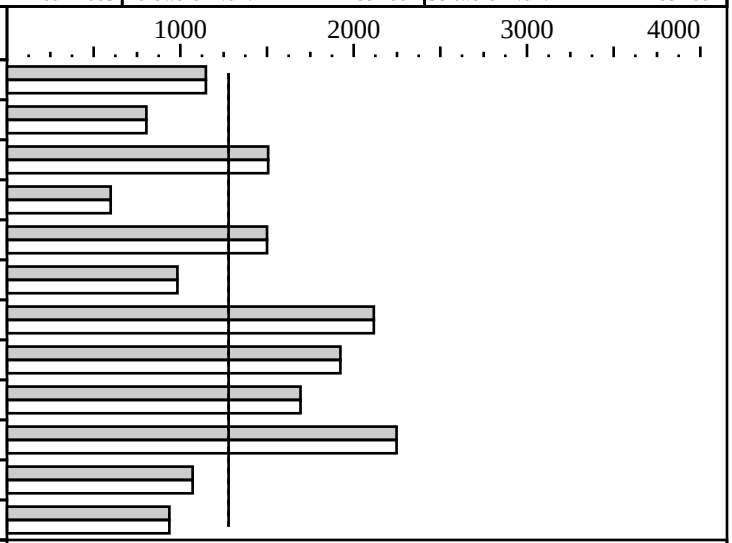
LN10J (3.4GHz Xeon processor w. 1MB L2 cache)

SPECint2000 = 1278

SPECint_base2000 = 1278

SPEC license #: 2697 | Tested by: ION | Test date: Jan-2005 | Hardware Avail: Dec-2004 | Software Avail: Dec-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	122	1147	122	1147
175.vpr	1400	174	804	174	804
176.gcc	1100	73.0	1507	73.0	1507
181.mcf	1800	301	598	301	598
186.crafty	1000	66.7	1500	66.7	1500
197.parser	1800	183	983	183	983
252.eon	1300	61.4	2116	61.4	2116
253.perlbmk	1800	93.6	1924	93.6	1924
254.gap	1100	65.0	1693	65.0	1693
255.vortex	1900	84.5	2247	84.5	2247
256.bzip2	1500	140	1071	140	1071
300.twolf	3000	320	937	320	937



Hardware

CPU:	Intel Xeon processor, 800MHz system bus
CPU MHz:	3392
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip, HyperThreading disabled
CPU(s) orderable:	1-2
Parallel:	No
Primary Cache:	12K(I) micro-ops + 8KB(D) on chip
Secondary Cache:	1MB (I+D) on chip
L3 Cache:	None
Other Cache:	None
Memory:	4 GB (4x1GB DDR2-400 DIMMs)
Disk Subsystem:	80GB Seagate SATA disk
Other Hardware:	None

Software

Operating System:	SuSE Linux Professional 9.1 for EM64T, 2.6.4-52-smp x86_64
Compiler:	Intel(R) C Compiler for EM64T, V8.1 (Build 20041123) Intel(R) C++ Compiler for EM64T, V8.1 (Build 20041123)
File System:	ext3
System State:	Multi-user, run level 3

Notes/Tuning Information

```
Portability Flags:
      176.gcc: srcalt=64bitgcc35
   186.crafty: -DLINUX_i386
      252.eon: -DHAS_ERRLIST
      252.eon: srcalt=stdcpp
  253.perlbmk: -DSPEC_CPU2000_LINUX_I386 -DSPEC_CPU2000_NEED_BOOL
               -DSPEC_CPU2000_GLIBC22 -DSPEC_CPU2000_LP64
      254.gap: -DSYS_IS_USG -DSYS_HAS_IOCTL_PROTO -DSYS_HAS_TIME_PROTO
               -DSYS_HAS_SIGNAL_PROTO -DSYS_HAS_ANSI -DSYS_HAS_CALLOC_PROTO
               -DSPEC_CPU2000_LP64
   255.vortex: -DSPEC_CPU2000_LP64
   255.vortex: srcalt=closed_files
HyperThreading disabled in BIOS

INT Baseline optimization flags:
   C programs: -xP -fast +FDO
 C++ programs: -xP -fast +FDO

INT Peak optimization flags:
```

CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

ION Computer Systems

LN10J (3.4GHz Xeon processor w. 1MB L2 cache)

SPECint2000 =	1278
SPECint_base2000 =	1278

SPEC license #: 2697	Tested by:	ION	Test date:	Jan-2005	Hardware Avail:	Dec-2004	Software Avail:	Dec-2004

Notes/Tuning Information (Continued)

```
   164.gzip: basepeak=yes
    175.vpr: basepeak=yes
    176.gcc: basepeak=yes
    181.mcf: basepeak=yes
 186.crafty: basepeak=yes
 197.parser: basepeak=yes
    252.eon: basepeak=yes
253.perlbmk: basepeak=yes
    254.gap: basepeak=yes
 255.vortex: basepeak=yes
  256.bzip2: basepeak=yes
  300.twolf: basepeak=yes
```