CINT2000 Result

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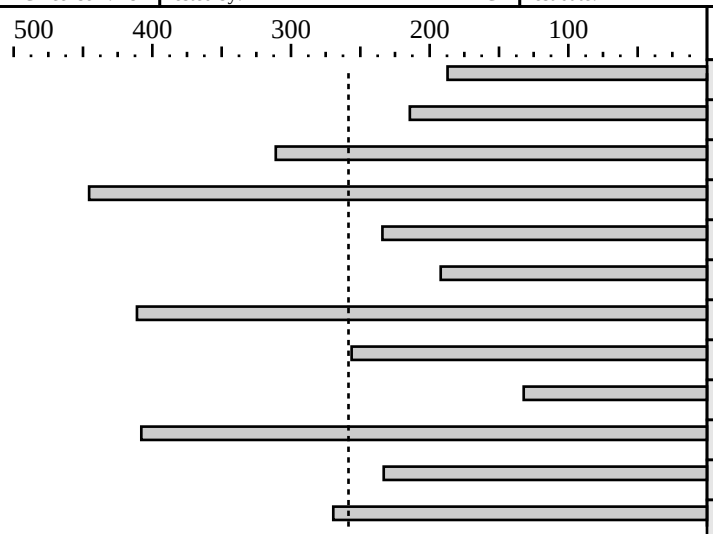
HITACHI

HITACHI BladeSymphony BS1000 (Dual Core Itanium(R) 2 processor 9050, 1.60GHz/24MB, FSB 400MHz)

SPECint_rate2000 = --

SPECint_rate_base2000 = 259

SPEC license #: 872 | Tested by: HITACHI | Test date: Jul-2006 | Hardware Avail: Aug-2006 | Software Avail: Jun-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	16	139	187			
175.vpr	16	121	214			
176.gcc	16	65.6	311			
181.mcf	16	75.0	446			
186.crafty	16	79.3	234			
197.parser	16	174	192			
252.eon	16	58.7	411			
253.perlbmk	16	130	256			
254.gap	16	154	132			
255.vortex	16	86.4	408			
256.bzip2	16	119	233			
300.twolf	16	207	270			

Hardware

CPU:	Dual-Core Itanium(R) 2 Processor 9050
CPU MHz:	1600
FPU:	Integrated
CPU(s) enabled:	16 cores, 8 chips, 2 cores/chip (Hyper-Threading Technology disabled)
CPU(s) orderable:	2,4,8,16
Parallel:	No
Primary Cache:	16KBI + 16KBD on chip, per core
Secondary Cache:	1MBI + 256KBD on chip, per core
L3 Cache:	12MB(I+D) on chip, per core
Other Cache:	N/A
Memory:	32GB (1GB DIMM x 32)
Disk Subsystem:	1 x 73GB SCSI HDD
Other Hardware:	None

Software

Operating System:	Red Hat Enterprise Linux AS 4 update 3
Compiler:	Intel(R) C++ Compiler for Linux 9.1 (Build 20060523)
File System:	ext3
System State:	Multi-user run level 3

Notes/Tuning Information

```
Base tuning flags:
     C   : -fast -auto_ilp32 +FDO
     C++ : -fast -auto_ilp32 -IPF_fp_relaxed +FDO

+FDO: PASS1=-prof_gen  PASS2=-prof_use

Portability flags:
  176.gcc: -DSPEC_CPU2000_LP64 -Dalloca=_alloca
  186.crafty: -DLINUX_i386
  252.eon: -DSPEC_CPU2000_LP64 -DHAS_ERRLIST
  253.perlbmk: -DSPEC_CPU2000_LP64 -DSPEC_CPU2000_NEED_BOOL
               -DSPEC_CPU2000_LINUX_IA64 -DSPEC_CPU2000_GLIBC22
  254.gap: -DSPEC_CPU2000_LP64 -DSYS_HAS_CALLOC_PROTO -DSYS_IS_USG
           -DSYS_HAS_IOCTL_PROTO -DSYS_HAS_TIME_PROTO -DSYS_HAS_SIGNAL_PROTO
  255.vortex: -DSPEC_CPU2000_LP64

Hyper-Threading Technology disabled by firmware.
Processes were bound to CPUs by using HITACHI bindlp command.
ccNUMA configuration was selected by firmware.
```