CINT2000 Result

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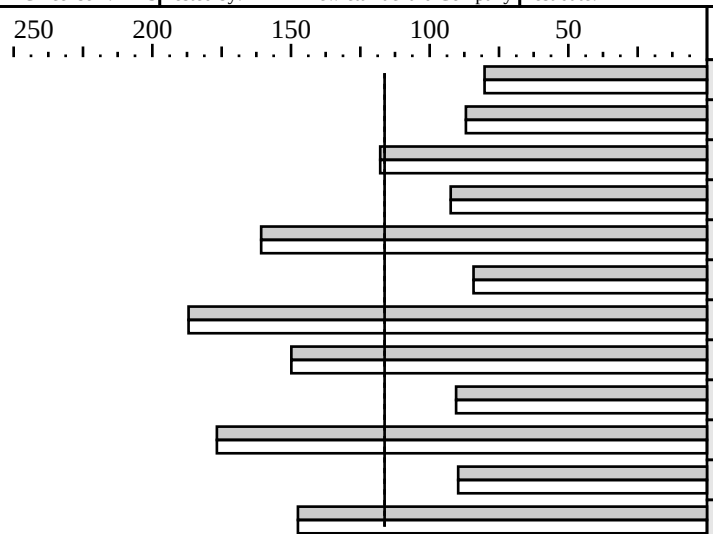
Hewlett-Packard Company

ProLiant BL460c (3.0 GHz, Intel Xeon processor 5160)

SPECint_rate2000 = 116

SPECint_rate_base2000 = 116

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Oct-2006 | Hardware Avail: Jun-2006 | Software Avail: May-2006



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	81.0	80.2	4	81.0	80.2
175.vpr	4	74.7	86.9	4	74.7	86.9
176.gcc	4	43.3	118	4	43.3	118
181.mcf	4	90.4	92.4	4	90.4	92.4
186.crafty	4	28.9	161	4	28.9	161
197.parser	4	99.2	84.2	4	99.2	84.2
252.eon	4	32.3	187	4	32.3	187
253.perlbmk	4	55.7	150	4	55.7	150
254.gap	4	56.4	90.5	4	56.4	90.5
255.vortex	4	49.9	177	4	49.9	177
256.bzip2	4	77.6	89.7	4	77.6	89.7
300.twolf	4	94.4	148	4	94.4	148

Hardware

CPU:	Intel Xeon processor 5160 (3.0 GHz, 4 MB L2 shared, 1333 MHz bus)
CPU MHz:	3000
FPU:	Integrated
CPU(s) enabled:	4 cores, 2 chips, 2 cores/chip
CPU(s) orderable:	1,2 chips
Parallel:	No
Primary Cache:	32 KB I + 32 KB D on chip per core
Secondary Cache:	4 MB I+D on chip per chip
L3 Cache:	N/A
Other Cache:	N/A
Memory:	8 GB (8x1 GB PC2-5300F)
Disk Subsystem:	1x36 GB 10 K SAS
Other Hardware:	

Software

Operating System:	RedHat Enterprise Linux 4.0 Advanced Server for AMD64/EM64T, Update 3 Kernel 2.6.9-34.ELsmp
Compiler:	Intel C++ Compiler for EM64T-based applications, (Version 9.1 Build 20060323)
File System:	ext2
System State:	Default

Notes/Tuning Information

```
+FDO: PASS1=-prof_gen  PASS2=-prof_use
Base tuning for C programs:   -fast -auto_ilp32 +FDO ONESTEP=yes
Base tuning for C++ programs: -fast
Portability flags:
  -DSPEC_CPU2000_LP64 applied to all benchmarks
  186.crafty:   -DLINUX_i386
  252.eon:     -DHAS_ERRLIST
  253.perlbmk: -DSPEC_CPU2000_LINUX_I386 -DSPEC_CPU2000_NEED_BOOL
  254.gap:     -DSYS_IS_USG
Peak tuning:
  basepeak=1 for all modules
BIOS Configuration Notes
  Power Regulator set to Static High
  Adjacent Sector Prefetch disabled
Other Configuration Notes
```