CINT2000 Result

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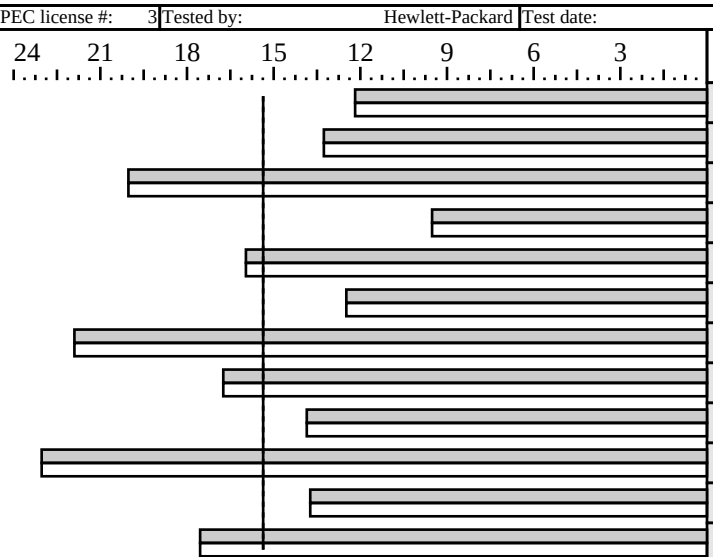
Hewlett-Packard Corporation

hp workstation zx6000 (900MHz, Itanium 2)

SPECint_rate2000 = 15.4

SPECint_rate_base2000 = 15.4

SPEC license #: 3 | Tested by: Hewlett-Packard | Test date: Nov-2002 | Hardware Avail: Sep-2002 | Software Avail: Oct-2002



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	2	267	12.2	2	267	12.2
175.vpr	2	245	13.3	2	245	13.3
176.gcc	2	127	20.0	2	127	20.0
181.mcf	2	439	9.52	2	439	9.52
186.crafty	2	145	16.0	2	145	16.0
197.parser	2	334	12.5	2	334	12.5
252.eon	2	138	21.9	2	138	21.9
253.perlbmk	2	249	16.7	2	249	16.7
254.gap	2	184	13.9	2	184	13.9
255.vortex	2	191	23.0	2	191	23.0
256.bzip2	2	253	13.7	2	253	13.7
300.twolf	2	397	17.5	2	397	17.5

Hardware

CPU:	Intel Itanium 2
CPU MHz:	900
FPU:	Integrated
CPU(s) enabled:	2 cores, 2 chips, 1 core/chip
CPU(s) orderable:	1-2
Parallel:	no
Primary Cache:	16KBI + 16KBD (on chip) per CPU
Secondary Cache:	256KB (on chip) per CPU
L3 Cache:	1.5MB (on chip) per CPU
Other Cache:	N/A
Memory:	6GB (12 * 512MB DIMMS)
Disk Subsystem:	1x36GB SCSI disk
Other Hardware:	N/A

Software

Operating System:	HPUX11i-TCOE B.11.22
Compiler:	HP C/ANSI C Compiler v11.22 HP aC++ Compiler v11.22
	PHSS_27286: C product PHSS_27284: C++ product PHSS_27285: C++ library PHSS_27287: U2comp PHSS_27288: Linker PHSS_27289: Libm PHSS_27290: Assembler PHSS_27291: PBO PHSS_27293: milli.a Caliper v2.1.3 www.hp.com/go/caliper
File System:	VxFS
System State:	Multi-user

Notes/Tuning Information

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Portability Flags:
176.gcc     : -DHOST_WORDS_BIG_ENDIAN
181.mcf     : -DWANT_STDC_PROTO
186.crafty  : -DHP
252.eon     : -I. -DFMAX_IS_DOUBLE -DNDEBUG
253.perlbmk : -DSPEC_CPU2000_HP
254.gap     : -DSPEC_CPU2000_HP -DSYS_IS_USG -DSYS_HAS_IOCTL_PROTO
              -DSYS_HAS_TIME_PROTO -DSYS_HAS_CALLOC_PROTO

Base Flags:
  all       : +Oprofile=collect/+Oprofile=use
  C         : +Ofaster -exec -Wl,-aarchive_shared
  C++       : +Ofaster +inline_level 2 -minshared

Peak flags same as baseline (basepeak=true set globally)

Kernel Tunables:
```

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Notes/Tuning Information (Continued)

```
vps_ceiling             16384
vps_pagesize             4096
dbc_max_pct                10
dbc_min_pct                10
```