CINT2000 Result

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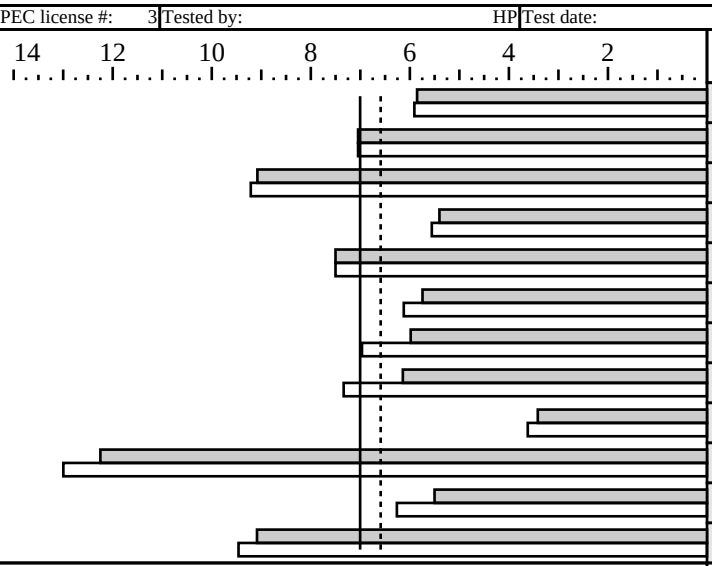
Hewlett-Packard Company
hp workstation c3700

SPECint_rate2000 = 7.00

SPECint_rate_base2000 = 6.59

SPEC license #: 3 | Tested by: HP | Test date: Mar-2001 | Hardware Avail: Jul-2001 | Software Avail: Jul-2001



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	277	5.85	1	275	5.91
175.vpr	1	231	7.05	1	231	7.05
176.gcc	1	141	9.08	1	139	9.21
181.mcf	1	386	5.40	1	376	5.56
186.crafty	1	155	7.50	1	155	7.50
197.parser	1	363	5.74	1	341	6.12
252.eon	1	252	5.98	1	216	6.97
253.perlbmk	1	340	6.14	1	285	7.34
254.gap	1	373	3.42	1	353	3.62
255.vortex	1	180	12.2	1	170	13.0
256.bzip2	1	316	5.50	1	278	6.26
300.twolf	1	383	9.09	1	368	9.46

Hardware

CPU:	PA-8700
CPU MHz:	750
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	768KBI + 1536KBD (on chip)
Secondary Cache:	none
L3 Cache:	none
Other Cache:	none
Memory:	512MB
Disk Subsystem:	1 x 18 GB LVD
Other Hardware:	--

Software

Operating System:	HP-UX 11.0
Compiler:	HP ANSI C 11.11.02 HP aC++ C.03.30.1
File System:	HP-UX VxFS
System State:	Multi-user

Notes/Tuning Information

```
 Compiler invoked in extended ANSI mode: cc -Ae
  176.gcc:   -DHOST_WORDS_BIG_ENDIAN
  186.crafty:  -DHP
  252.eon:  -DFMAX_IS_DOUBLE
  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:
  C:   +Oall +I/+P +Ostatic_prediction -Wl,-aarchive
  C++: +O3 +I/+P +Ostatic_prediction -Wl,-aarchive

Peak flags same as base for 175.vpr, 186.crafty

Peak Flags:

  All: +I/+P +Ostatic_prediction -Wl,-a,archive
  164.gzip: +Oall +Optrs_strongly_typed +Oinline_budget=800
  176.gcc:  +Oall +ESlit +ESfic +Optrs_strongly_typed
  181.mcf:  +Oall +Owhole_program_mode +Opromote_indirect_calls
```

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Notes/Tuning Information (Continued)

```
  197.parser: +Oall +Odataprefetch +ESfic +Oinline_budget=400
              +Owhole_program_mode
  252.eon: +noeh +O4 +Optrs_strongly_typed +Olibcalls
           +Oentrysched +A +ESfic
  253.perlbmk: +Oall +ESlit +ESfic +Optrs_strongly_typed
           +Opromote_indirect_calls -Wl,/opt/langtools/lib/fastmem.o
  254.gap: +Oall +ESlit +ESfic +Optrs_strongly_typed
           +Opromote_indirect_calls
  255.vortex: +Oall +Oinline_budget=800 +Optrs_strongly_typed
  256.bzip2: +Oall +Odataprefetch +Optrs_strongly_types
         +Owhole_program_mode +Onoptrs_to_globals +Oinline_budget=80
         +ESlit +ESfic
  300.twolf: +Oall +Optrs_strongly_typed

System tunables:

vps_pagesize 4096, vps_ceiling 4096
dbc_min_pct 15, dbc_max_pct 15
```