CINT2000 Result

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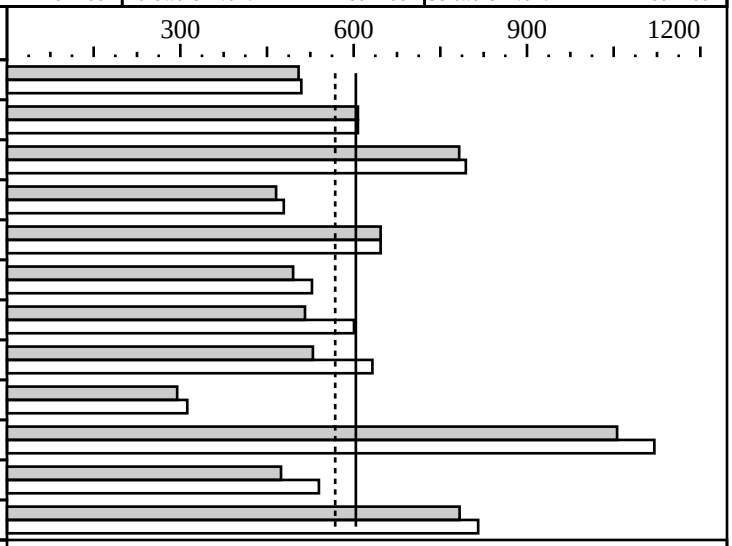
Hewlett-Packard Company
hp workstation c3700

SPECint2000 = 604

SPECint_base2000 = 568

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	277	505	275	509
175.vpr	1400	231	607	231	607
176.gcc	1100	141	783	139	794
181.mcf	1800	386	466	376	479
186.crafty	1000	155	647	155	647
197.parser	1800	363	495	341	528
252.eon	1300	252	516	216	601
253.perlbmk	1800	340	529	285	632
254.gap	1100	373	295	353	312
255.vortex	1900	180	1056	170	1120
256.bzip2	1500	316	474	278	540
300.twolf	3000	383	783	368	815



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
  197.parser: +Oall +Odataprefetch +ESfic +Oinline_budget=400
              +Owhole_program_mode
  252.eon: +noeh +O4 +Optrs_strongly_typed +Olibcalls
```

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Notes/Tuning Information (Continued)

```
            +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
```