CINT2000 Result

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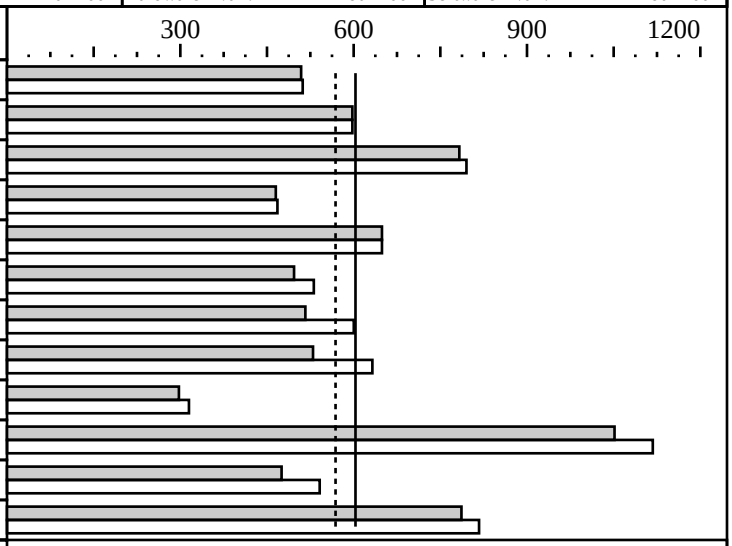
Hewlett-Packard Company
hp workstation j6700

SPECint2000 = 603

SPECint_base2000 = 569

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	275	509	274	512
175.vpr	1400	234	598	234	598
176.gcc	1100	141	783	138	795
181.mcf	1800	387	465	385	468
186.crafty	1000	154	649	154	649
197.parser	1800	362	497	339	531
252.eon	1300	252	516	217	600
253.perlbmk	1800	340	530	285	632
254.gap	1100	370	298	349	315
255.vortex	1900	181	1051	170	1118
256.bzip2	1500	316	475	277	541
300.twolf	3000	381	787	367	817



Hardware

CPU:	PA-8700
CPU MHz:	750
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	2
Parallel:	--
Primary Cache:	768KBI + 1536KBD (on chip)
Secondary Cache:	none
L3 Cache:	none
Other Cache:	none
Memory:	1GB
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
  2nd processor disabled at boot - co cpu 1 OFF
```