CINT2000 Result

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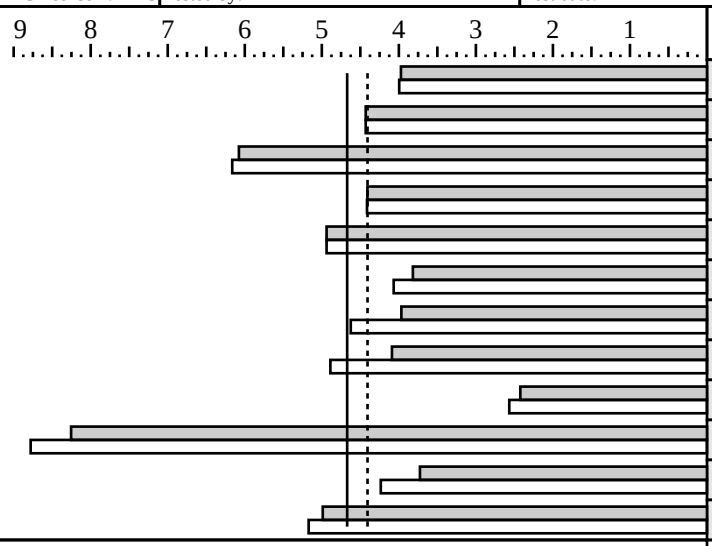
Hewlett-Packard Company
hp workstation b2600

SPECint_rate2000 = 4.67

SPECint_rate_base2000 = 4.41

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



Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	1	409	3.97	1	406	4.00
175.vpr	1	367	4.43	1	367	4.43
176.gcc	1	210	6.08	1	207	6.16
181.mcf	1	474	4.41	1	473	4.41
186.crafty	1	235	4.94	1	235	4.94
197.parser	1	547	3.82	1	513	4.07
252.eon	1	380	3.97	1	326	4.62
253.perlbmk	1	511	4.09	1	427	4.89
254.gap	1	527	2.42	1	497	2.57
255.vortex	1	267	8.25	1	251	8.78
256.bzip2	1	467	3.73	1	411	4.23
300.twolf	1	698	4.99	1	673	5.17

Hardware

CPU:	PA8600
CPU MHz:	500
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1
Parallel:	No
Primary Cache:	0.5MBI + 1.0MBD (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
```

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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 25, dbc_max_pct 25
```