CINT2000 Result

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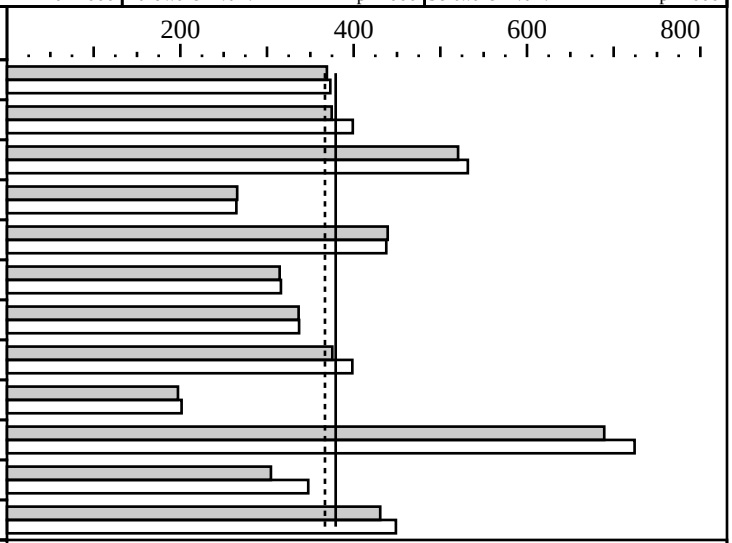
Hewlett-Packard Company
HP 9000 Model N4000

SPECint2000 = 379

SPECint_base2000 = 367

SPEC license #: 3 | Tested by: HP Richardson, TX | Test date: Mar-2000 | Hardware Avail: Apr-2000 | Software Avail: Apr-2000

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	379	369	375	373
175.vpr	1400	374	375	351	399
176.gcc	1100	211	520	207	532
181.mcf	1800	678	266	680	265
186.crafty	1000	228	439	229	438
197.parser	1800	572	315	569	316
252.eon	1300	386	336	386	337
253.perlbmk	1800	480	375	452	398
254.gap	1100	558	197	546	201
255.vortex	1900	276	689	262	724
256.bzip2	1500	493	305	432	348
300.twolf	3000	697	431	669	449



Hardware

CPU:	552 MHz PA-RISC 8600
CPU MHz:	552
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1-8
Parallel:	--
Primary Cache:	512KBI+1MBD
Secondary Cache:	None
L3 Cache:	None
Other Cache:	None
Memory:	8GB
Disk Subsystem:	1x9GB FC 10,000 rpm
Other Hardware:	--

Software

Operating System:	HP-UX B.11.00
Compiler:	HP92453-01 A.11.01.02 HP C Compiler HP aC++ B3910B X.03.14.05
File System:	HP-UX VxFS
System State:	Multi-user

Notes/Tuning Information

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Portability flags:
cc: -Ae

Base Flags:
cc: +Oall +Onovectorize -Wl,-a,archive +I/+P
c++: +O2 +Ostaticprediction -Wl,-aarchive +I/+P

Peak flags:
164.gzip: +Oall +Onovectorize +ESlit +ESfic +Optrs_strongly_typed -Wl,-aarchive
175.vpr: +Oall +Onovectorize +Ostaticprediction +Odataprefetch +ESlit +ESfic +Optrs_strongly_typed -Wl,-aarchive
176.gcc: +Oall +Ostaticprediction +ESlit +ESfic +Optrs_strongly_typed -Wl,-aarchive
181.mcf: +Oall +Onovectorize +Ostaticprediction -Wl,-aarchive
186.crafty: +Oall
197.parser: +Oall +Ostaticprediction +Odataprefetch +ESlit +ESfic -Wl,-aarchive
253.perlbmk: +Oall +Onovectorize +Ostaticprediction +ESlit +ESfic +Optrs_strongly_typed -Wl,-aarchive
254.gap: +Oall +Ostaticprediction +ESlit +ESfic +Optrs_strongly_typed -Wl,-aarchive
255.vortex: +Oall +Onovectorize +Ostaticprediction +ESlit +ESfic +Optrs_strongly_typed -Wl,-aarchive
256.bzip2: +Oall +Onovectorize +Ostaticprediction +Odataprefetch +ESlit +ESfic +Optrs_strongly_typed -Wl,-aarchive
300.twolf: +Oall +Onovectorize +Ostaticprediction +Optrs_strongly_typed
Kernel Tunables:
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Notes/Tuning Information (Continued)

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vps_pagesize=256, vps_ceiling=256
```