



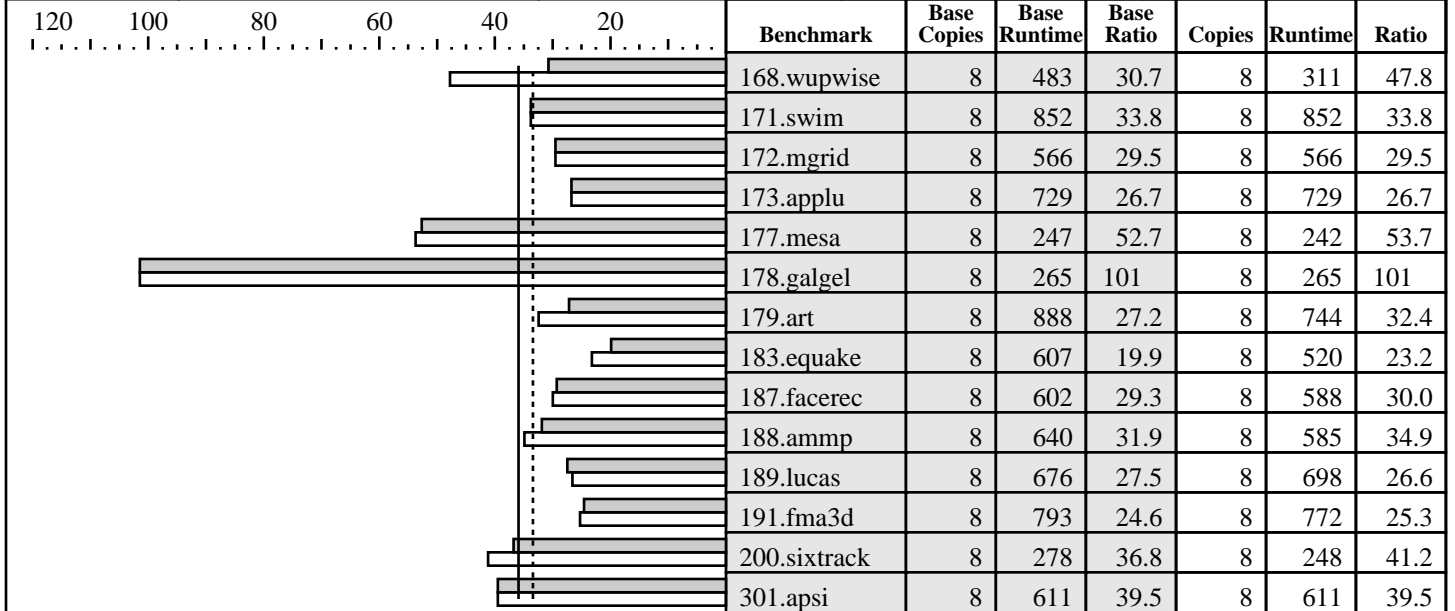
CFP2000 Result

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Hewlett-Packard Company
hp server rp8400

SPECfp_rate2000 = 35.9
SPECfp_rate_base2000 = 33.4

SPEC license #: 3 Tested by: HP Test date: Aug-2001 Hardware Avail: Sep-2001 Software Avail: Sep-2001



Hardware	Software
CPU: PA-8700 CPU MHz: 750 FPU: Integrated CPU(s) enabled: 8 cores, 8 chips, 1 core/chip CPU(s) orderable: 2 to 16 by 2 Parallel: No Primary Cache: 0.75MBI + 1.5MBD on chip Secondary Cache: None L3 Cache: None Other Cache: None Memory: 16GB Disk Subsystem: 8x36GB SCSI Other Hardware: 2 cells	Operating System: B.11.11.0109.6 HP-UX 11i, September 2001 HWE patches Compiler: HP ANSI C 11.11.03 aC++ C.03.30.02 Fortran90 11.11.40 PHSS_24207 libm patch File System: Advanced JFS System State: Multi-user

Notes/Tuning Information

Portability Flags:

178.galgel: +source=fixed

Base Flags:

f90: +O3 +Onofltacc -Wl,-a,archive -Wl,+FPD
C: +I/+P +O4 +Odataprefetch -Wl,-a,archive

Peak Flags:

ONESTEP=true for 168.wupwise, 187.facerec, 200.sixtrack
168.wupwise: +cat +O3 +Odataprefetch +Onofltacc
 -Wl,+FPD -Wl,-a,archive
171.swim: basepeak=true
172.mgrid: basepeak=true
173.applu: basepeak=true
177.mesa: +I/+P +Oall +Odataprefetch +Opromote_indirect_calls



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Notes/Tuning Information (Continued)

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-Wl,+FPD -Wl,-a,archive
178.galgel: basepeak=true
179.art: +I/+P +Oall +Odataprefetch +Onofltacc
+Optrs_strongly_typed +Opromote_indirect_calls
-Wl,+FPD -Wl,-a,archive
183.earthquake: +O4 +Olibcalls +Odataprefetch +Optrs_strongly_typed
+Opromote_indirect_calls
-Wl,+FPD -Wl,-a,archive
187.facerec: +cat +O3 +Ofastaccess
-Wl,+FPD -Wl,-a,archive
188.ammp: +I/+P +Oall +Odataprefetch +Optrs_strongly_typed
+Opromote_indirect_calls
-Wl,+FPD -Wl,-a,archive
189.lucas: +O3 +Onoinline
-Wl,+FPD -Wl,-a,archive
191.fma3d: +O3 +Onolimit
-Wl,+FPD -Wl,-a,archive
200.sixtrack: +cat +O3 +Onolibcalls +Onolimit +Onoinline
+Odataprefetch
-Wl,+FPD -Wl,-a,archive
301.apsi: basepeak=true

```

System tunables:

```

vps_pagesize 4096, vps_ceiling 16384
dbc_min_pct 20, dbc_max_pct 20
maxdsiz 0x7b03a000, maxssiz 256000000
boot time firmware tunable DataPrefetch enabled (default)

```