SPEC CFP95rate Results

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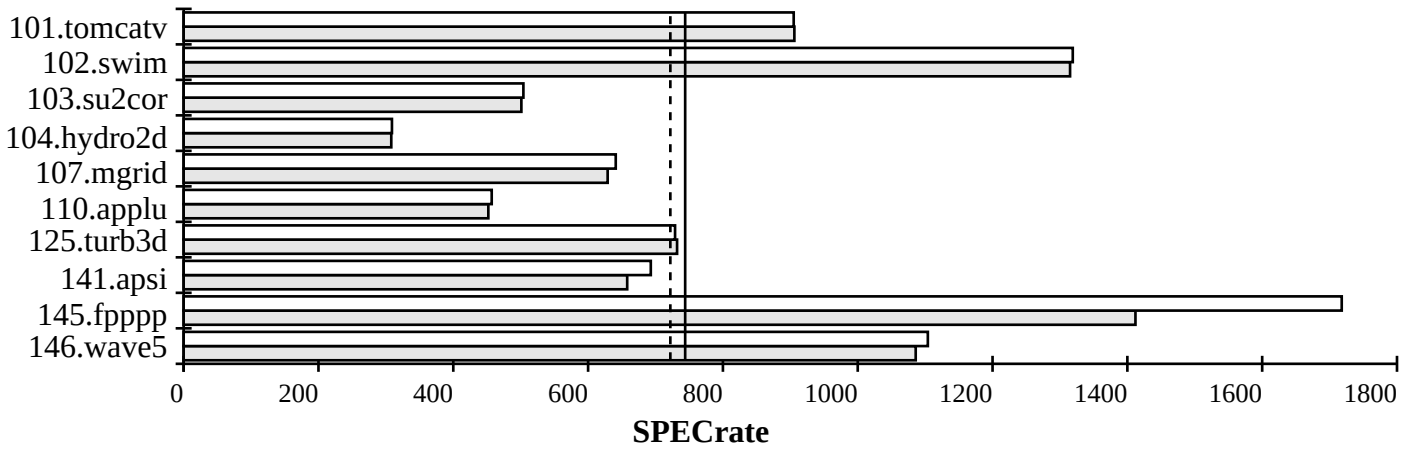
Hewlett-Packard
HP 9000 Model J5000

SPECfp_rate95	=	744
SPECfp_rate_base95	=	722

SPEC license # 3	Tested By: HP Fort Collins, CO	Test Date: Feb-99	Hardware Avail: May-99	Software Avail: May-99



Hardware/Software Configuration for:
HP 9000 Model J5000

Hardware

Model Name:	HP 9000 Model J5000
CPU:	440 MHz PA-RISC 8500
FPU:	Integrated
Number of CPU(s):	2
Primary Cache:	1/2MBI+1MBD on-chip
Secondary Cache:	None
Other Cache:	None
Memory:	2 GB
Disk Subsystem:	1-9GB LVD SCSI Disk
Other Hardware:	None

Software

Operating System:	HP-UX B.10.20
Compiler:	HP FORTRAN B.10.20.07 B3907CA
File System:	HP-UX LVM with HFS
System State:	Multi-user

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
101.tomcatv	2	73.5	906	2	74	905
102.swim	2	118	1315	2	117	1319
103.su2cor	2	50.3	501	2	50	504
104.hydro2d	2	140	308	2	140	309
107.mgrid	2	71.6	629	2	70	641
110.applu	2	87.5	452	2	87	457
125.turb3d	2	101	732	2	101	729
141.apsi	2	57.5	658	2	55	693
145.fpppp	2	122	1412	2	101	1718
146.wave5	2	49.7	1086	2	49	1104
SPECfp_rate_base95 (G. Mean)			722			
SPECfp_rate95 (G. Mean)						744

Notes/Tuning Information

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Base Flags:
all: +Oall +Odataprefetch -Wl,-a,archive

Peak Flags:
Linker: 145: -Wl,-a,archive; all others: -Wl,-a,archive,+FPD
101: +O3 +Onolimit +Odataprefetch +Oaggressive
102: +Oall +Odataprefetch +Onovectorize +Onofltacc +Onolooptransform +Onoloopblock +Ocache_pad_common
103: +Oall +Odataprefetch
104: +Oall +Onovectorize +Onofltacc +Odataprefetch
107: +O3 +Onolimit +Onofltacc +Oinline_budget=1000000 +Oloop_unroll=8 +Odataprefetch
110: +Oall +Onovectorize +Onofltacc +Odataprefetch
125: +Oall +Odataprefetch +Oagressive
141: +O3 +Onolimit +Oaggressive +Onofltacc
145: +O4 +Olibcalls +Onofltacc +Onolimit +Ovectorize +Oinline_budget=1000000 +I/+P
146: +Oall +Odataprefetch

Note: The +I/+P indicates the use of profile based optimization.
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-- Prepared By: --