SPEC CFP95 Results

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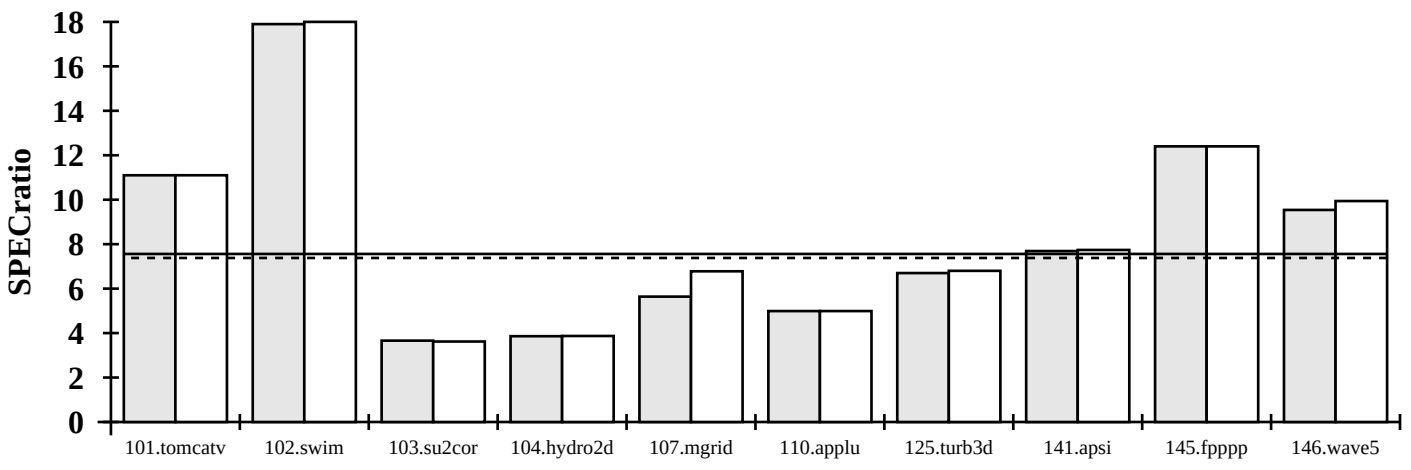
Hewlett-Packard
HP Visualize B160L

SPECfp95 = 7.56

SPECfp_base95 = 7.38

SPEC license # 3	Tested By: HP Cupertino, CA	Test Date: Aug-96	Hardware Avail: Sep-96	Software Avail: Sep-96



Hardware/Software Configuration for:
HP Visualize B160L

Hardware

Model Name:	HP Visualize B160L
CPU:	160 MHz PA-RISC 7300LC
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	64KB on-chip
Secondary Cache:	1MB(I+D) off-chip
Other Cache:	None
Memory:	128MB
Disk Subsystem:	1 Fast/Wide SCSI-2 2.0 GB
Other Hardware:	None

Software

Operating System:	HP-UX B.10.20
Compiler:	HP FORTRAN B3906AA B.10.20.01
File System:	HP-UX
System State:	Multi-user

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
101.tomcatv	3700	335	11.1	333	11.1
102.swim	8600	481	17.9	477	18.0
103.su2cor	1400	382	3.66	387	3.62
104.hydro2d	2400	623	3.86	621	3.87
107.mgrid	2500	443	5.64	369	6.78
110.applu	2200	441	4.99	441	4.99
125.turb3d	4100	612	6.70	603	6.80
141.apsi	2100	273	7.69	271	7.74
145.fpppp	9600	775	12.4	775	12.4
146.wave5	3000	315	9.54	302	9.94
SPECfp_base95 (G. Mean)			7.38		
		SPECfp95 (G. Mean)			7.56

Notes/Tuning Information

```
Base Flags:
All:  +Oall
Linker Flag:  All: -Wl, -aarchive

Peak Flags:
101: +Oall +Oloop_unroll +Onolimit +Oregionsched +Ovectorize +I/+P
102: +Oall +Ocache_pad_common +Odataprefetch +Ofltacc +Oinline_budget=256000 +Olibcalls +Oloop_transform
.    +Onofastaccess +Onoinitcheck +Onoloop_unroll +Onosize +Oregionsched +I/+P
103: +Oall +Ofastaccess +Olibcalls +Oloop_unroll +Onofltacc +Onolimit +I/+P
104: +Oall +Oloop_unroll +Owhole_program_mode +I/+P
107: +O3 +Oinline_budget=256000 +Oloop_unroll +Onofltacc +Onolimit
110: +Oall +Onofastaccess
125: +O3 +Olibcalls +Onofltacc +Onolimit +Onoloop_unroll
141: +Oall +Onofastaccess
145: +Oall
146: +O3 +Olibcalls +Oloop_unroll +Onofltacc +Onolimit
Linker Flag:  All: -Wl, -aarchive

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