SPEC CINT95 Results

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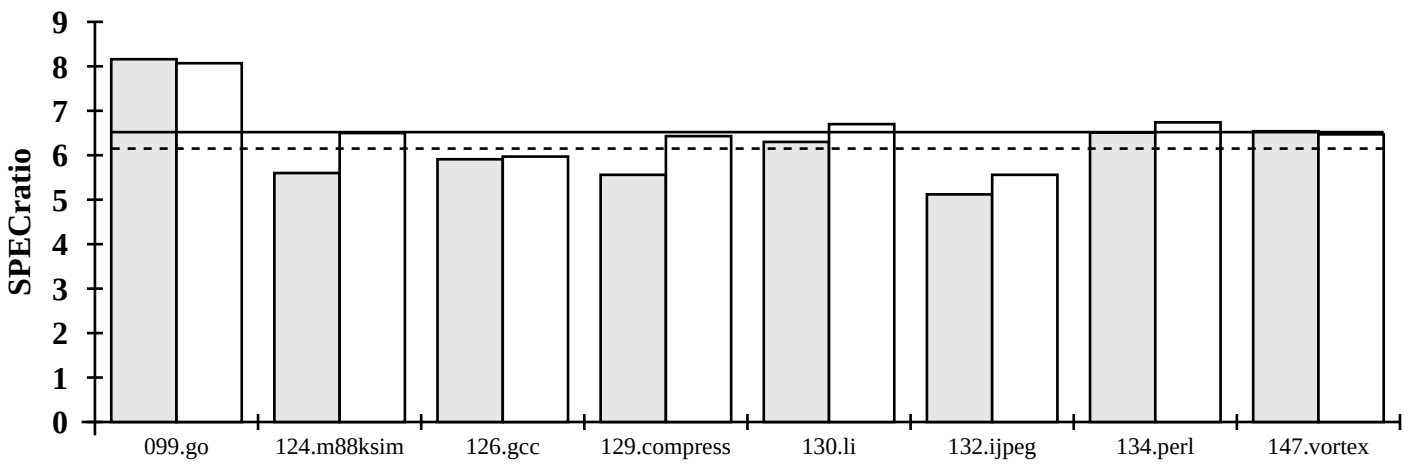
Hitachi Ltd
3500

SPECint95 = 6.52

SPECint_base95 = 6.15

SPEC license # 35	Tested By: Hitachi Ltd	Test Date: Sep-97	Hardware Avail: Jan-98	Software Avail: Sep-97



Hardware/Software Configuration for:
3500

Hardware

Model Name:	3500/555
CPU:	PA-7300LC_132MHz
FPU:	integrated
Number of CPU(s):	1
Primary Cache:	64KBI+64KBD on-chip
Secondary Cache:	1MB(I+D) off-chip
Other Cache:	None
Memory:	512MB
Disk Subsystem:	scsi-22.0GB
Other Hardware:	None

Software

Operating System:	HI-UX/WE2_07-05
Compiler:	HI-UX/WE2/EX_05-03
File System:	Berkeley FFS
System State:	Multi-user

Benchmark # and Name	Reference Time	Base Run Time	Base SPEC Ratio	Run Time	SPEC Ratio
099.go	4600	563	8.16	570	8.07
124.m88ksim	1900	339	5.60	292	6.50
126.gcc	1700	288	5.91	285	5.97
129.compress	1800	324	5.56	280	6.43
130.li	1900	302	6.30	284	6.70
132.ijpeg	2400	469	5.12	432	5.56
134.perl	1900	292	6.51	282	6.74
147.vortex	2700	413	6.54	417	6.47
SPECint_base95 (G. Mean)			6.15		
		SPECint95 (G. Mean)			6.52

Notes/Tuning Information

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Portability Flags (base & peak):All:-Ae

Base Flags:
All:/opt/langtools/lib/fastmem.o +Oall +I/+P
Linker Flag: All:  -Wl,-aarchive
Peak Flags:
099.go      :+ESfic +ESlit +O4 +I/+P +Oentrysched +Olibcalls +Onofastaccess +Onolimit +Onoloop_unroll +Optrs_strongly_typed +Ostaticprediction
124.m88ksim :+ESfic +ESlit +O4 +I/+P +Oaggressive +Onoparmsoverlap +Optrs_strongly_typed +Ostaticprediction
126.gcc     :+ESfic +ESlit +O4 +I/+P -DSPEC +Olibcalls +Onolimit +Ostaticprediction
129.compress:+ESfic +ESlit +O4 +I/+P +Olibcalls +Onofltacc +Onolimit +Optrs_strongly_typed +Owhole_program_mode
130.li      :+ESfic +ESlit +O4 +I/+P -lm +ESsfc +Oentrysched +Olibcalls +Onolimit +Onoloop_unroll +Onoptrs_to_globals +Owhole_program_mode
132.ijpeg   :+ESfic +ESlit +O4 +I/+P +ESsfc +Olibcalls +Onolimit +Optrs_strongly_typed +Owhole_program_mode
134.perl    :+ESfic +ESlit +O4 +I/+P /opt/langtools/lib/fastmem.o -lm +Olibcalls +Onolimit +Owhole_program_mode
147.vortex  :+ESfic +ESlit +O4 +I/+P /opt/langtools/lib/fastmem.o -lm +Oentryshed +Olibcalls +Onolimit
.            +Onoloop_unroll +Optrs_strongly_type +Ostaticprediction
Linker Flag: All:  -Wl,-aarchive

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