SPEC CINT95 Results

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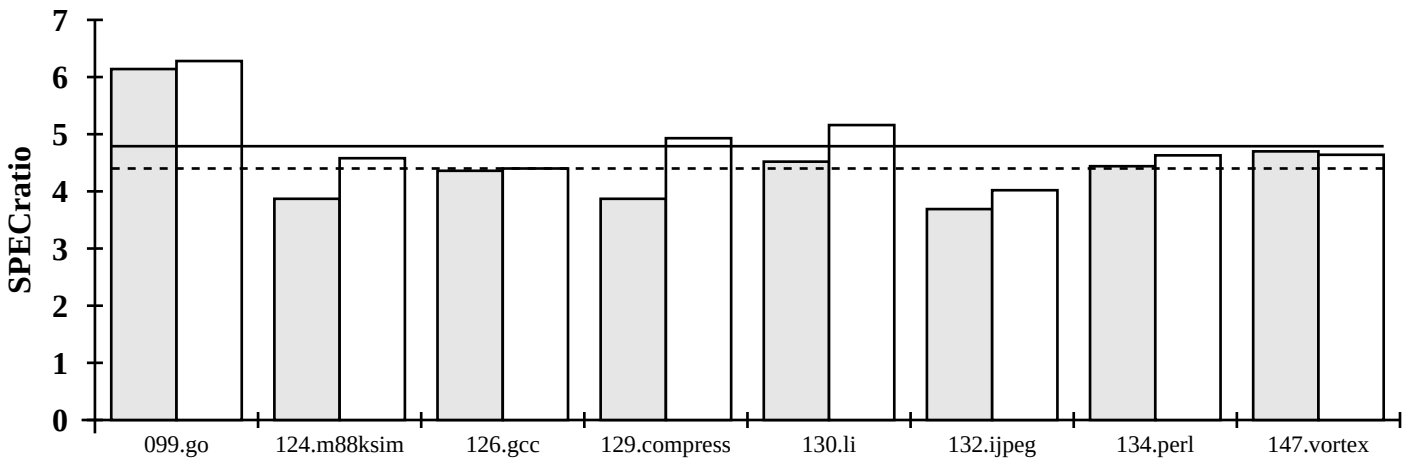
Hitachi Ltd.
3500/545RM

SPECint95 = 4.79

SPECint_base95 = 4.40

SPEC license # 35	Tested By: Kanagawa Pref.Japan	Test Date: Jan-97	Hardware Avail: Mar-97	Software Avail: Apr-97



Hardware/Software Configuration for:
3500/545RM

Hardware

Model Name:	3500/545RM
CPU:	100MHz PA-RISC 7200
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	256KBI+256KBD off-chip
Secondary Cache:	None
Other Cache:	None
Memory:	512MB
Disk Subsystem:	SCSI Hitachi HT-F3305-731S (2.1GB)
Other Hardware:	Ethernet

Software

Operating System:	HI-UX/WE2/BASE 07-02
Compiler:	Hitachi C 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	750	6.14	733	6.28
124.m88ksim	1900	491	3.87	415	4.58
126.gcc	1700	390	4.36	386	4.40
129.compress	1800	466	3.87	365	4.93
130.li	1900	420	4.52	368	5.16
132.ijpeg	2400	650	3.69	597	4.02
134.perl	1900	428	4.44	410	4.63
147.vortex	2700	574	4.70	582	4.64
SPECint_base95 (G. Mean)			4.40		
		SPECint95 (G. Mean)			4.79

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 +0staticprediction
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

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