
TM

SPEC Benchmark

Summary

Attached is a 1-page summary of a SPEC benchmark result. The SPEC benchmarks measure CPU integer or floating point performance on the system tested. These results are in accordance with the appropriate SPEC run and reporting rules.

Further information for this and other SPEC benchmark results are available from your Hewlett-Packard sales representative or by contacting the Standard Performance Evaluation Cooperative (SPEC) at the following location:

SPEC c/o NCGA, Suite 200,
2722 Merrilee Drive,
Fairfax, VA 22031-4499

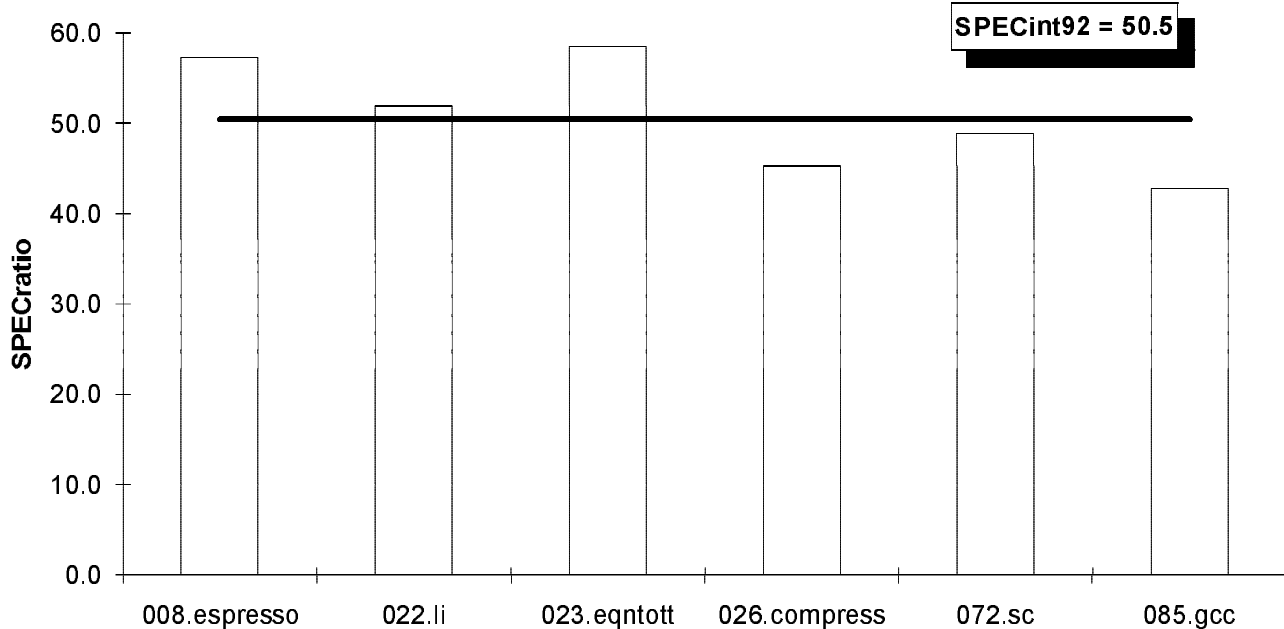
Phone: (703) 698-9600
Fax: (703) 560-2752

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SPEC Benchmark CINT92 Summary

RESULTS:	SPEC Reference Time (Sec)	Time (Sec)	SPEC Ratio	Hewlett Packard HP 9000 Model G40/H40/I40																																			
008.espresso	2270	39.6	57.3	<table style="width: 100%; border: none;"> <tr> <td colspan="2" style="text-align: center;">Hardware</td> </tr> <tr> <td style="width: 50%;">Model Number</td> <td>G40/H40/I40</td> </tr> <tr> <td>CPU</td> <td>64MHz PA-RISC 1.1</td> </tr> <tr> <td>FPU</td> <td>64MHz PA-RISC 1.1</td> </tr> <tr> <td>Number of CPUs</td> <td>1</td> </tr> <tr> <td>Primary Cache</td> <td>256KBI+256KBD off chip</td> </tr> <tr> <td>Secondary Cache</td> <td>None</td> </tr> <tr> <td>Other Cache</td> <td>None</td> </tr> <tr> <td>Memory</td> <td>64MB</td> </tr> <tr> <td>Disk Subsystem</td> <td>1.3GB HP C2474S</td> </tr> <tr> <td>Other Hardware</td> <td>None</td> </tr> <tr> <td colspan="2" style="text-align: center;">Software</td> </tr> <tr> <td>O/S & Version</td> <td>HP-UX 9.0</td> </tr> <tr> <td>Compilers & Version</td> <td>A.09.16 HP C Compiler</td> </tr> <tr> <td>Other Software</td> <td>None</td> </tr> <tr> <td>File System Type</td> <td>HP-UX</td> </tr> <tr> <td>System State</td> <td>Multi-user</td> </tr> </table>		Hardware		Model Number	G40/H40/I40	CPU	64MHz PA-RISC 1.1	FPU	64MHz PA-RISC 1.1	Number of CPUs	1	Primary Cache	256KBI+256KBD off chip	Secondary Cache	None	Other Cache	None	Memory	64MB	Disk Subsystem	1.3GB HP C2474S	Other Hardware	None	Software		O/S & Version	HP-UX 9.0	Compilers & Version	A.09.16 HP C Compiler	Other Software	None	File System Type	HP-UX	System State	Multi-user
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022.li	6210	119.6	51.9																																				
023.eqntott	1100	18.8	58.5																																				
026.compress	2770	61.2	45.3																																				
072.sc	4530	92.6	48.9																																				
085.gcc	5460	127.6	42.8																																				
Geometric Mean: SPECint92			50.5																																				
Hardware Availability:			Jan-93																																				
Software Availability:			Oct-92																																				
License #:	3	Tested:	Aug-92	By:	HP																																		
				Of:	Cupertino, CA																																		



Tuning Parameters/Notes/Summary Of Changes:
 All benchmarks: EXTRA_LDFLAGS= -Wl,a.archive EXTRA_CFLAGS=+DS1.1 +DA1.1
 008.espresso, 022.li, 023.eqntott, 072.sc, and 085.gcc: OPT = +O3
 008.espresso and 085.gcc: EXTRA_LIBS = /usr/old/malloc3c.o
 085.gcc: EXTRA_CFLAGS = +Obb763