SPEC CFP95rate Results

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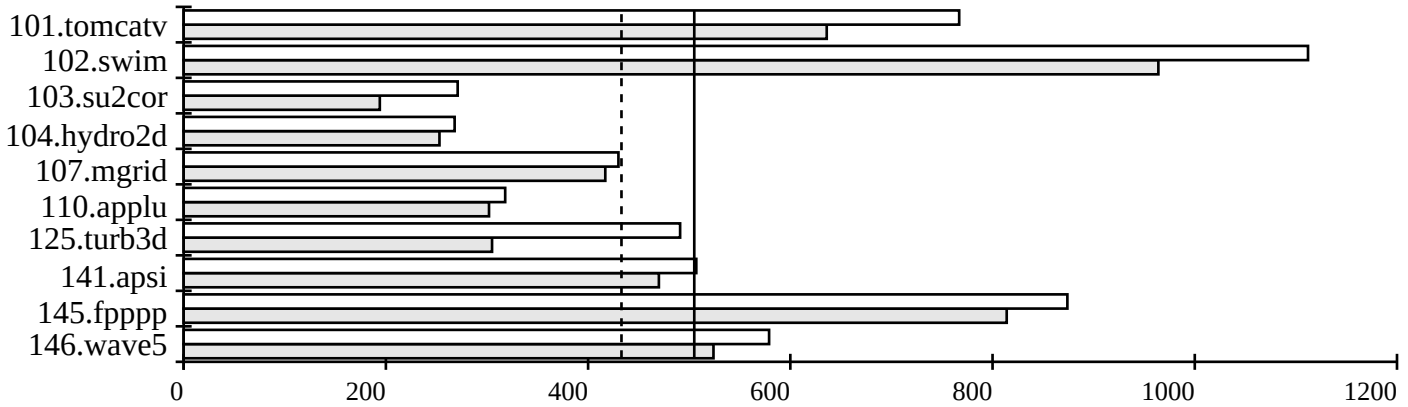
Compaq Computer Corporation AlphaServer DS10 6/600

SPECfp_rate95 = 505

SPECfp_rate_base95 = 433

SPEC license # 2 | Tested By: Compaq NH | Test Date: Jun-2000 | Hardware Avail: Oct-2000 | Software Avail: May-2000



Hardware/Software Configuration for:
AlphaServer DS10 6/600

Hardware

Model Name:	AlphaServer DS10 6/600
CPU:	616 MHz Alpha 21264A
FPU:	Integrated
Number of CPU(s):	1
Primary Cache:	64KB(I)+64KB(D) on chip
Secondary Cache:	2MB off chip
Other Cache:	None
Memory:	2GB
Disk Subsystem:	1x9GB RZ2DD-LS
Other Hardware:	Ethernet

Software

Operating System:	Tru64 UNIX V4.0G
Compiler:	Fortran V5.3 KAP Fortran V4.2
File System:	AdvFS
System State:	Multi-User

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
101.tomcatv	1	52.3	636	1	43	767
102.swim	1	80.3	964	1	70	1112
103.su2cor	1	65.1	194	1	46	271
104.hydro2d	1	85.4	253	1	81	268
107.mgrid	1	53.9	417	1	52	430
110.applu	1	65.5	302	1	62	318
125.turb3d	1	121	305	1	75	491
141.apsi	1	40.2	470	1	37	507
145.fpppp	1	106	814	1	99	874
146.wave5	1	51.5	524	1	47	579
SPECfp_rate_base95 (G. Mean)			433			
SPECfp_rate95 (G. Mean)						505

Notes/Tuning Information

```
base:    kf77 -arch ev6 -O5 -transform_loops -fkapargs='-ur=1'

tomcatv: kf90 -arch ev6 -O5 -inline none
.        -fkapargs='-fuselevel=2 -ur=9 -ur2=460 -ur3=30 '
swim:    kf77 -arch ev6 -O5 -fkapargs='-ag=a -fuselevel=2 -ur=1'
su2cor:  kf90 -arch ev6 -O3 -transform_loops -automatic
.        -fkapargs=' -ag=abfg -r=0 -nointerleave -ur2=260 '
hydro2d: kf90 -arch ev6 -O5 -fkapargs='-fuselevel=2 -ur2=860'
mgrid:   kf77 -arch ev6 -O5 -speculate all -fkapargs='-fuselevel=2 -ur=1'
applu:   kf90 -arch ev6 -transform_loops -automatic -fkapargs=' -r=2 -o=0 -ur2=60 '
turb3d:  kf90 -arch ev6 -O5 -speculate all -automatic
.        -fkapargs=' -ag=a -o=1 -ur2=760 -ur3=100 '
apsi:    kf90 -arch ev6 -O2 -pipeline -automatic
.        -fkapargs=' -fuselevel=2 -ur=8 -ur2=60 '
fpppp:   kf90 -arch ev6 -O2 -transform_loops -fkapargs='-so=0 -o=0'
wave5:   kf90 -arch ev6 -O5 -transform_loops -unroll 15
.        -fkapargs='-r=1 -o=2 -ur2=260 -ur3=30'
```

For More Information Contact: SPEC info@spec.org http://www.spec.org/

-- Prepared By: --