



# CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Hewlett-Packard Company  
hp workstation j6700

SPECint2000 = 603  
SPECint\_base2000 = 569

SPEC license #: 3 Tested by: HP Test date: Mar-2001 Hardware Avail: Jul-2001 Software Avail: Jul-2001

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	
164.gzip	1400	275	509	274	512	
175.vpr	1400	234	598	234	598	
176.gcc	1100	141	783	138	795	
181.mcf	1800	387	465	385	468	
186.crafty	1000	154	649	154	649	
197.parser	1800	362	497	339	531	
252.eon	1300	252	516	217	600	
253.perlbnk	1800	340	530	285	632	
254.gap	1100	370	298	349	315	
255.vortex	1900	181	1051	170	1118	
256.bzip2	1500	316	475	277	541	
300.twolf	3000	381	787	367	817	

### Hardware

CPU: PA-8700  
 CPU MHz: 750  
 FPU: Integrated  
 CPU(s) enabled: 1 core, 1 chip, 1 core/chip  
 CPU(s) orderable: 2  
 Parallel: --  
 Primary Cache: 768KBI + 1536KBD (on chip)  
 Secondary Cache: none  
 L3 Cache: none  
 Other Cache: none  
 Memory: 1GB  
 Disk Subsystem: 1 x 18 GB LVD  
 Other Hardware: --

### Software

Operating System: HP-UX 11.0  
 Compiler: HP ANSI C 11.11.02  
 HP aC++ C.03.30.1  
 File System: HP-UX VxFS  
 System State: Multi-user

## Notes/Tuning Information

```
Compiler invoked in extended ANSI mode: cc -Ae
176.gcc: -DHOST_WORDS_BIG_ENDIAN
186.crafty: -DHP
252.eon: -DFMAX_IS_DOUBLE
253.perlbnk: -DSPEC_CPU2000_HP
254.gap: -DSPEC_CPU2000_HP -DSYS_IS_USG -DSYS_HAS_IOCTL_PROTO
        -DSYS_HAS_TIME_PROTO -DSYS_HAS_CALLOC_PROTO
```

### Base Flags:

```
C: +Oall +I/+P +Ostatic_prediction -Wl,-aarchive
C++: +O3 +I/+P +Ostatic_prediction -Wl,-aarchive
```

Peak flags same as base for 175.vpr, 186.crafty

### Peak Flags:

```
All: +I/+P +Ostatic_prediction -Wl,-a,archive
164.gzip: +Oall +Optrs_strongly_typed +Oinline_budget=800
176.gcc: +Oall +ESlit +ESfic +Optrs_strongly_typed
181.mcf: +Oall +Owhole_program_mode +Opromote_indirect_calls
197.parser: +Oall +Odataprefetch +ESfic +Oinline_budget=400
        +Owhole_program_mode
252.eon: +noeh +O4 +Optrs_strongly_typed +Olibcalls
```



# CINT2000 Result

Copyright ©1999-2004, Standard Performance Evaluation Corporation

Hewlett-Packard Company  
hp workstation j6700

SPECint2000 = 603  
SPECint\_base2000 = 569

SPEC license #: 3 Tested by: HP Test date: Mar-2001 Hardware Avail: Jul-2001 Software Avail: Jul-2001

## Notes/Tuning Information (Continued)

```
+Oentrysched +A +ESfic
253.perlbnk: +Oall +ESlit +ESfic +Optrs_strongly_typed
+Opromote_indirect_calls -Wl,/opt/langtools/lib/fastmem.o
254.gap: +Oall +ESlit +ESfic +Optrs_strongly_typed
+Opromote_indirect_calls
255.vortex: +Oall +Oinline_budget=800 +Optrs_strongly_typed
256.bzip2: +Oall +Odataprefetch +Optrs_strongly_types
+Owhole_program_mode +Onoptrs_to_globals +Oinline_budget=80
+ESlit +ESfic
300.twolf: +Oall +Optrs_strongly_typed
System tunables:
vps_pagesize 4096, vps_ceiling 4096
dbc_min_pct 15, dbc_max_pct 15
2nd processor disabled at boot - co cpu 1 OFF
```