CINT2000 Result

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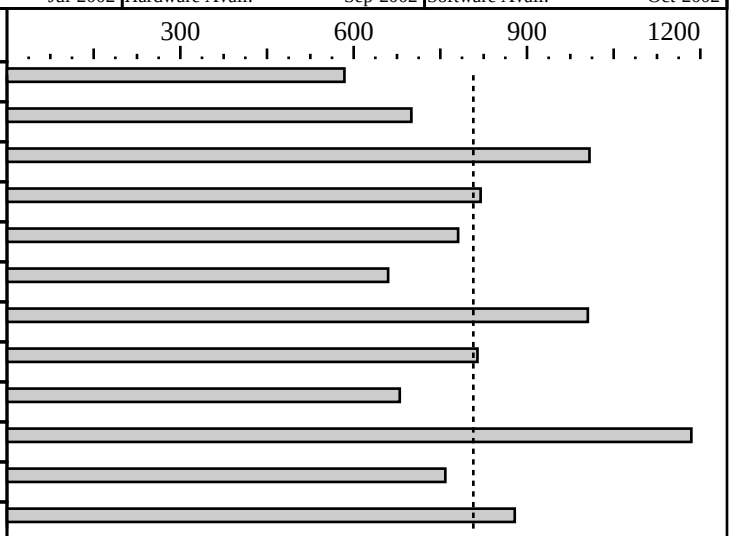
Hewlett-Packard Company
hp server rx5670 (1000 MHz, Itanium 2)

SPECint2000 = --

SPECint_base2000 = 807

SPEC license #: 3 | Tested by: HP Richardson | Test date: Jul-2002 | Hardware Avail: Sep-2002 | Software Avail: Oct-2002

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	240	584		
175.vpr	1400	200	700		
176.gcc	1100	109	1008		
181.mcf	1800	220	820		
186.crafty	1000	128	781		
197.parser	1800	273	660		
252.eon	1300	129	1005		
253.perlbmk	1800	221	814		
254.gap	1100	162	680		
255.vortex	1900	160	1184		
256.bzip2	1500	198	759		
300.twolf	3000	341	879		



Hardware

CPU:	Intel Itanium 2
CPU MHz:	1000
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1-4
Parallel:	no
Primary Cache:	16KBI + 16KBD (on chip) per CPU
Secondary Cache:	256KB (on chip) per CPU
L3 Cache:	3.0MB (on chip) per CPU
Other Cache:	N/A
Memory:	12GB
Disk Subsystem:	1x9GB SCSI disk (root + swap) 1x9GB SCSI disk (swap)
Other Hardware:	N/A

Software

Operating System:	HPUX11i-TCOE B.11.22
Compiler:	HP C/ANSI C Compiler B.11.22 HP aC++ Compiler B.11.22
	PHSS_27286: C product PHSS_27284: C++ product PHSS_27285: C++ library PHSS_27287: U2comp PHSS_27288: Linker PHSS_27291: PBO PHSS_27293: milli.a Caliper v2.1 www.hp.com/go/caliper
File System:	VxFS
System State:	Multi-user

Notes/Tuning Information

```
Portability Flags:
176.gcc     : -DHOST_WORDS_BIG_ENDIAN
181.mcf     : -DWANT_STDC_PROTO
186.crafty  : -DHP
252.eon     : -I. -DFMAX_IS_DOUBLE -DNDEBUG
253.perlbmk : -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:
  all       : +Oprofile=collect/+Oprofile=use
  C         : +Ofaster -exec -Wl,-aarchive_shared
  C++       : +Ofaster +inline_level 2 -minshared
```

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Notes/Tuning Information (Continued)

```
Kernel Tunables:
  maxdsiz            0x7b03a000
  maxdsiz_64bit   0x04000000000
  maxssiz            0x10000000
  maxssiz_64bit      0x40000000
  vps_ceiling             16384
  vps_pagesize             4096
  swapmem_on                  0
  dbc_max_pct                20
  dbc_min_pct                20

Note:
  EFI shell utility 'cpuconfig' used
  to deconfigure other processors
```