CINT2000 Result

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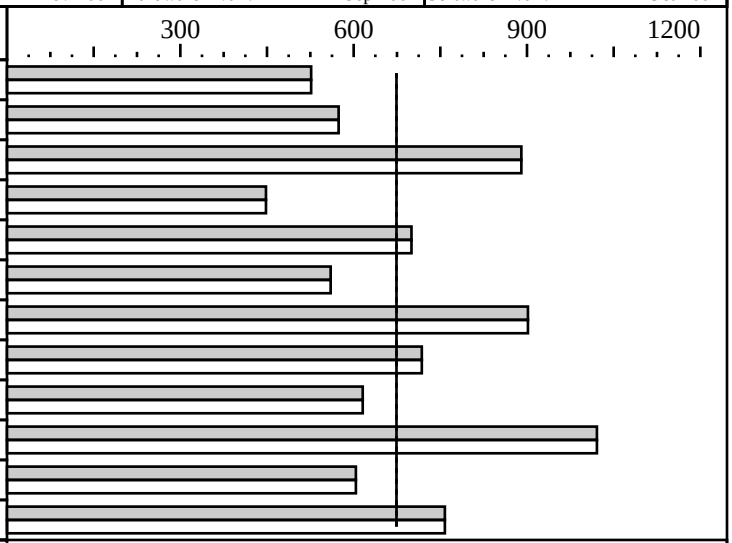
Hewlett-Packard Company
hp server rx2600 (900 MHz, Itanium 2)

SPECint2000 = 674

SPECint_base2000 = 674

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

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
164.gzip	1400	266	526	266	526
175.vpr	1400	244	574	244	574
176.gcc	1100	124	890	124	890
181.mcf	1800	402	448	402	448
186.crafty	1000	143	700	143	700
197.parser	1800	321	560	321	560
252.eon	1300	144	902	144	902
253.perlbmk	1800	251	718	251	718
254.gap	1100	179	616	179	616
255.vortex	1900	186	1021	186	1021
256.bzip2	1500	248	604	248	604
300.twolf	3000	396	758	396	758



Hardware

CPU:	Intel Itanium 2
CPU MHz:	900
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1-2
Parallel:	no
Primary Cache:	16KBI + 16KBD (on chip) per CPU
Secondary Cache:	256KB (on chip) per CPU
L3 Cache:	1.5MB (on chip) per CPU
Other Cache:	N/A
Memory:	6GB (12 x 512MB dimms)
Disk Subsystem:	1x36GB SCSI disk
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
Peak flags same as baseline (basepeak=true set globally)
```

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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
```