



CINT2000 Result

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

SPECint_rate2000 = --
SPECint_rate_base2000 = 36.8

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

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	4	241	27.0			
175.vpr	4	203	31.9			
176.gcc	4	111	45.9			
181.mcf	4	236	35.4			
186.crafty	4	128	36.2			
197.parser	4	273	30.6			
252.eon	4	130	46.4			
253.perlbnk	4	221	37.8			
254.gap	4	172	29.7			
255.vortex	4	161	54.6			
256.bzip2	4	199	34.9			
300.twolf	4	342	40.7			

Hardware	Software
CPU: Intel Itanium 2 CPU MHz: 1000 FPU: Integrated CPU(s) enabled: 4 cores, 4 chips, 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	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.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:

```

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	0x0400000000
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