



CINT2000 Result

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

SPECint_rate2000 = --
SPECint_rate_base2000 = 9.36

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	1	240	6.77			
175.vpr	1	200	8.12			
176.gcc	1	109	11.7			
181.mcf	1	220	9.51			
186.crafty	1	128	9.06			
197.parser	1	273	7.65			
252.eon	1	129	11.7			
253.perlbnk	1	221	9.45			
254.gap	1	162	7.89			
255.vortex	1	160	13.7			
256.bzip2	1	198	8.80			
300.twolf	1	341	10.2			

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.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