



CINT2000 Result

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Unisys Corporation

ES7000/one (1.6GHz/24MB,Dual Core Itanium 2 9050)

SPECint_rate2000 = --

SPECint_rate_base2000 = 247

SPEC license #: 15 Tested by: Unisys Corporation Test date: Aug-2006 Hardware Avail: Aug-2006 Software Avail: Aug-2006

Benchmark	Base Copies	Base Runtime	Base Ratio	Copies	Runtime	Ratio
164.gzip	16	141	184			
175.vpr	16	119	217			
176.gcc	16	67.5	302			
181.mcf	16	78.7	425			
186.crafty	16	79.6	233			
197.parser	16	171	195			
252.eon	16	59.0	409			
253.perlbnk	16	131	254			
254.gap	16	229	89.0			
255.vortex	16	88.6	398			
256.bzip2	16	125	222			
300.twolf	16	207	269			

Hardware

CPU: Intel(R) DC Itanium(R) 2 9050 (1.6GHz/24MB,400MHz FSB)
CPU MHz: 1600
FPU: Integrated
CPU(s) enabled: 16 cores, 8 chips, 2 cores/chip(Hyper-Threading Technology disabled)
CPU(s) orderable: 4,8,12,16,24,32 chips
Parallel: No
Primary Cache: 16KB(I)+16KB(D) on chip, per core
Secondary Cache: 1024KB(I)+256KB(D) on chip, per core
L3 Cache: 12MB(I+D) on chip, per core
Other Cache: 64MB per 4 chips
Memory: 64GB(32x2GB DIMMs)
Disk Subsystem: 1x36GB SCSI(10K RPM)
Other Hardware: N/A

Software

Operating System: Red Hat Enterprise Linux AS 4 Update4
Compiler: Intel(R) C++ Compiler 9.1 for Linux (Build 20060323)
File System: ext3
System State: multi-user

Notes/Tuning Information

+FDO: PASS1=-prof_gen PASS2=-prof_use

Base tuning:

C programs: -fast -auto_ilp32 +FDO

C++ programs: -fast -auto_ilp32 -IPF_fp_relaxed +FDO

Portability flags:

Portability Flags:

186.crafty: -DLINUX_i386

252.eon: -DSPEC_CPU2000_LP64 -DHAS_ERRLIST

253.perlbnk: -DSPEC_CPU2000_LP64 -DSPEC_CPU2000_NEED_BOOL
-DSPEC_CPU2000_LINUX_IA64

254.gap: -DSPEC_CPU2000_LP64 -DSYS_IS_USG -include unistd.h

255.vortex: -DSPEC_CPU2000_LP64

Processes are bound to CPUs using taskset utility.