

OSX Leopard

Hardware Configuration

MacPro
 Two 2.66GHz Dual-Core Intel Xeon "Woodcrest" processors
 1GB memory (667MHz DDR2 fully-buffered DIMM ECC)
 Leopard

Vendor Version

Absoft 10.0 V10.0.7
 Intel V10.0.016
 Gfortan V4.3.0

Polyhedron 2007 Benchmark	64bit		
	Absoft 10.0	Intel	Gfortan
AC	<u>9.98</u>	14.86	12.27
AERMOD	22.35	<u>20.45</u>	37.19
AIR	8.31	<u>8.14</u>	10.03
CAPACITA	<u>37.71</u>	54.4	60.24
CHANNEL	3.34	<u>2.33</u>	<u>2.28</u>
DODUC	<u>39.24</u>	<u>39.72</u>	45.58
FATIGUE	<u>6.99</u>	8.84	13.55
GAS_DYN	3.7	<u>3.55</u>	<u>22.43</u>
INDUCT	55.12	<u>50.97</u>	57.86
LINPK	<u>27.33</u>	<u>27.09</u>	<u>27.28</u>
MDBX	15.89	14.63	<u>13.72</u>
NF	<u>24.61</u>	24.77	31.8
PROTEIN	33.82	<u>33.63</u>	FAILED
RNFLOW	<u>25.97</u>	34.71	30.04
TEST_FPU	10.7	<u>9.4</u>	13.61
TFFT	2.42	<u>2.29</u>	<u>2.43</u>
Geometric Mean	<u>14.33</u>	<u>14.73</u>	18.86

Switch

Absoft 10.0	-m64 -O4 -w -speed_math=9 -IPA:plimit=15000 -LNO:fu=9:full_unroll_size=7000 -march=em64t -stack:0x8000000 -xINTEGER
Gfortan	-m64 -O3
Intel	ifort -O3 -xT -ipo -WI,-stack_size -WI,0x8000000

Legend

- 0 Green cells with underline highlight the fastest figures
- 0 Green cells highlight figures within 10% of the fastest.
- 0 Red cells indicate figures which are more than 150% of the fastest.