

Intel MPX

		GCC 6.1				ICC 17.0				ASan (GCC 6.1)	SoftBound (Clang 3.4)	SafeCode (Clang 3.2)
		L1 (o.w. n.n.b.)	L2 (n.n.b.)	L3 (o.w.)	L4 (default)	L1 (o.w. n.n.b.)	L2 (n.n.b.)	L3 (o.w.)	L4 (default)			
histogram												
kmeans												
linear_regression												
matrix_multiply												
pca												
string_match												
word_count												
blackscholes												
bodytrack												
canneal												
dedup												
facesim												
ferret (3)												
fluidanimate												
raytrace												
streamcluster												
swaptions												
vips (2)												
x264												




Broken programs

	correct		mem model violation
	compiler bug		real bug detected (wontfix)
	multithreading not supported		

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		L1 (o.w. n.n.b.)	L2 (n.n.b.)	L3 (o.w.)	L4 (default)	L1 (o.w. n.n.b.)	L2 (n.n.b.)	L3 (o.w.)	L4 (default)				
astar													
bzip2													
dealll													
gcc													
gobmk													
h264ref													
hmmmer													
lbm													
libquantum													
mcf *													
milc													
namd													
omnetpp													
perlbenc (2)													
povray													
sjeng													
soplex													
sphinx3													
xalancbmk													

* mcf fails only on test inputs but not on ref ones

	workaround for ICC compiler bug
	conformance to memory model
	real bug fixed

Changes in programs
(number of changes;
one if not specified)