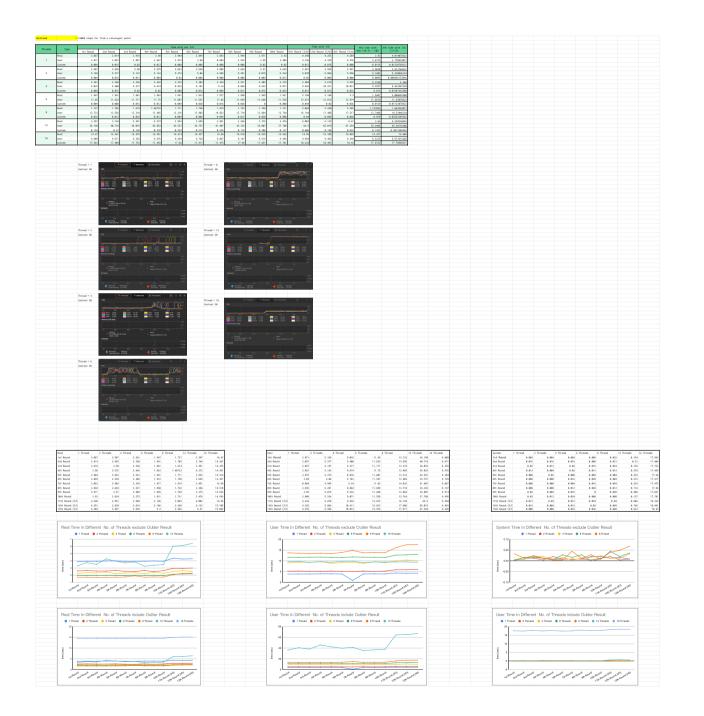
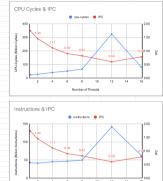
	Physical Hardwa	re
CPU	<pre>Intel(R) Core(TM) i7-10750H CP Base speed: Sockets: Cores: Logical processors: Virtualization: L1 cache: L2 cache: L3 cache:</pre>	U @ 2.60GHz BOOST @ 4.80GHz 2.59 GHz 1 6 12 Enabled 384 KB 1.5 MB 12.0 MB
RAM	16 GB Dual-Channel DDR4 @2933M	Hz
SSD	WD BLUE SN550 1TB : PCIE Gen3x	4
GPU	RTX 2060 Moblile	
os	Windows 10 2H22	

	Hyper-V Environments
CPU	6C/12T
RAM	8 GB
SSD	30 GB
OS	UbuntuLTS Desktop 22.04





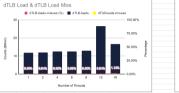




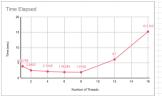






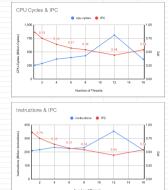






### ACCOUNTS OF CONTRACT OF CO			
1,147,147,147 Combined Comb	Performance counter stats for 'syste	m wide' (10 runs):	
1,147,147,147 Combined Comb	24,494,232,796 cpu-cycles		(+- 0.50%) (33.28%)
11,145,126,03 6115-loads	42,520,423,239 Instructions	# 1.74 insn per cycle	(+- 0.18%) (41.78%)
11,145,126,03 6115-loads		# 4.953 % of all cache refs	(+- 1.87%) (41.75%) (+- 1.26%) (41.76%)
1,254,0,154	11,746,750,453 dTLB-loads		(a. 0.16v) (41.36v)
14.16 11.16	3,869,819 dTLB-load-misses	# 0.03% of all dTLB cache access	ses (+- 1.33%) (41.76%)
14.16 11.16	3,256,411,154 dTLB-store		(+- 0.375) (33.295) (+- 1.545) (33.295)
\$1,75,0,160 broad-lands	744,160 iTLB-loads		(+- 2.73%) (33.28%)
1875	2,246,224 iTLB-load-misses	# 350.60% of all iTLB cache access	ses (+- 1.93%) (33.28%)
1875	8,776,926,862 branch-loads		(+- 0.20%) (33.28%)
Performance control etable by pipers sold (10 ma) (1.4.13,12.28)	24,786,947 Dranch-1080-813385		(+- 1.415) (33.295)
14.10.78.298	3.86795 +- 0.00724 seconds time elap	sed (+- 0.19%)	
14.10.78.298	Borformance counter state for 'sustain will	ide" (40 nume):	
# 1.06 imp propile (** 0.485) (0.485) 19.523.93 color-writeses # 0.700 to # 0.185 (0.485) 1.063,04,04,04,04,04,04,04,04,04,04,04,04,04,	Teromanice countries states for system an	de (10 luis).	
# 1.05 in per cycle 1.05 in per cycle 1.0			(+- 0.81%) (33.21%)
1,515,511 (15) Linked states	41,164,251,832 instructions		(+- 0.63%) (41.63%)
15,116,71,109 Chi-bank Chi-	169,523,981 cache-misses	# 4.785 % of all cache refs	(+- 1.57%) (41.94%)
184, 125 - 1881-1 Journal (1 - 4.28) (13.19) (1.19)	11,911,077,159 dTLB-loads		
184, 125 - 1881-1 Journal (1 - 4.28) (13.19) (1.19)	4,563,811 dTLB-load-misses	# 0.04% of all dTLB cache access	ses (+- 2.50%) (41.97%)
Temperature consists that Caparal (* 2.76)	1.005.454 dTLB:store:misses		(+- 1.30%) (33.24%)
Temperature consists that Caparal (* 2.76)	548 562 iTLB: loads		(+- 4.29%) (33.11%)
Tell	2,091,801 iTLB-load-misses	# 358.59% of all iTLB cache access	ses (+- 1.82%) (33.18%)
Temperature consists that Caparal (* 2.76)	24,546,958 branch-load-misses		(+- 1.59%) (33.89%)
Performance smaller wides for "system wide" (18 years) (1.14,1.0.22) generalize (1.14,1.0.22) (1.14,1.0.22) (1.14,1.0.22) (1.14,1.0.22) generalize (1.14,1.0.22) (1.14,1.0.22) (1.14,1.0.22) (1.14,1.0.22) (1.14			
Company		d (+- 0.76%)	
	Performance counter stats for 'www.	m wide' (10 runs):	
2,125,01,064 conter-references			
2,125,01,064 conter-references	41,164,141,622 cpu-cycles		(+- 0.79%) (33.00%)
18.88.1.52	2,329,621,864 cache-references		(+- 0.48%) (41.67%)
19,249.00 Tables	110,888,732 cache-misses	# 4.775 % of all cache refs	(+- 1.51%) (41.87%)
19,249.00 Tables	12,490,471,210 dTLB-loads		(+- 0.53%) (42.05%)
19,249.00 Tables	3,884,821 dTLB-load-misses 3,368,279,594 dTLR-store	# 0.03% of all dTLB cache access	ses (+- 1.68%) (42.16%) (+- 0.45%) (33.68%)
19,249.00 Tables	1,856,238 dTLB-store-misses		
### \$1,924,042 brench-lands	572,837 iTLB-loads		
2.100 = 0.2406 seconds the clapsed (= 0.21)	1,919,541 iTLB-load-misses	# 329.58% of all iTLB cache access	ses (+- 1.78%) (33.63%)
Tells	24,789,680 branch-load-misses		(+- 1.09%) (32.99%)
### Defenses contert vities for "system visio" (18 years)			
1.100,004.00 Georgian	2.1659 +- 0.0146 seconds time elapse	d (+- 8.67%)	
1.100,004.00 Georgian	Performance counter stats for 'syste	m wide' (10 runs):	
## 1.00 page 1.0			
19,469,1867 Gitt-loads		a a sa i	(+- 0.51%) (33.28%)
19,469,1867 Gitt-loads	2.406.822.274 cache references		(+- 0.75%) (41.78%) (+- 0.75%) (41.98%)
10,000		# 3.927 % of all cache refs	(+- 2.26%) (41.91%)
10,000	12,449,363,072 dTLB-loads		(+- 0.18%) (41.91%)
10.00	3,263,166,344 dTLB-store	. w.ess or all dTLB cache access	(+- 0.43%) (41.63%)
10.00	1,100,215 dTLB-store-misses		(+- 1.64%) (33.28%)
1.005	692,986 iTLB-loads	# 115 167 of 177 1910	(+- 2.05%) (33.19%)
1.005	9.852.888.545 branch-loads	# 335.25% OF all like cache access	(+- 0.325) (33.295)
1.005	24,613,116 branch-load-misses		(+- 1.00%) (33.19%)
Performers counter stats for 'system wide' (18 rum): (0.506.63.508	1 00700 as 0 00000 assessed along all con-		
Martin M			
1,21,21,22	Performance counter stats for 'syste	m wide' (10 runs):	
1,21,21,22	44 A44 483 404		(a. 1 mm) (21 mm)
13,961,762 (181-3) and (181-3)	49,645,132,207 instructions	# 0.82 insn per cycle	
13,001,124,003 Gill-Jones F. B.RH of all Gill seles sceness (** 4.275) (13.70) Gill-Jones (**) (13.70) Gill-Jones (**) (13.70) Gill-Jones (**) (**) (**) (**) (**) (**) (**) (**	2,355,966,744 cache-references		(+- 1.43%) (41.38%)
## 1,50	123,519,426 cache-misses	# 5.116 % of all cache refs	(+- 2.81%) (41.58%)
## 1,50	3,675,571 dTLB-load-misses	# 0.03% of all dTLB cache access	ses (+- 4.72%) (41.97%)
## 1,50	3,432,742,717 dTLB-store		(+- 0.92%) (53.60%)
14,616,74,645 branch-land (**1.581 (1.225) 2,526,640 branch-land status (**1.581 (1.285) 2,526,640 branch-land status (**1.581 (1.285) 4,526,71,720 branch-land status (**1.285) 4,526,71,720 branch-land (**1.285) 4,526,71,720 branch-land (**1.285) 4,526,71,720 branch-land (**1.285) 4,526,71,71,720 branch-land (**1.285) 4,526,71,71,720 branch-land (**1.285) 4,526,71,71,720 branch-land (**1.285) 4,526,71,71,720 branch-land (**1.285) 4,526,71,71,71,710 branch-land (**1.285) 4,526,71,710 branch-land (**1.285) 4,526,71,710 branch-land (**1.285) 4,526,71,710 branch-land (**1.285) 4,526,710 bran	1,421,858 dTLB-store-misses		(+- 4.64%) (33.57%)
14,616,74,645 branch-land (**1.581 (1.225) 2,526,640 branch-land status (**1.581 (1.285) 2,526,640 branch-land status (**1.581 (1.285) 4,526,71,720 branch-land status (**1.285) 4,526,71,720 branch-land (**1.285) 4,526,71,720 branch-land (**1.285) 4,526,71,720 branch-land (**1.285) 4,526,71,71,720 branch-land (**1.285) 4,526,71,71,720 branch-land (**1.285) 4,526,71,71,720 branch-land (**1.285) 4,526,71,71,720 branch-land (**1.285) 4,526,71,71,71,710 branch-land (**1.285) 4,526,71,710 branch-land (**1.285) 4,526,71,710 branch-land (**1.285) 4,526,71,710 branch-land (**1.285) 4,526,710 bran	ver, scil iTLB-loads 2,320,495 iTLB-load-misses	# 385.14% of all iTLB cache access	(+- 3.005) (33.54%) ses (+- 2.60%) (33.43%)
13,484, 14,193	10,616,743,465 branch-loads		(+- 1.05%) (33.22%)
Performance consists state for "system wide" (18 rows): 104.158.07.127 oer-cycles 104.158.07.127 oer-cycles 2.56.47.16.27.128 (1.110.110.110.110.110.110.110.110.110.1	26,430,031 branch-load-misses		(+- 1.58%) (33.83%)
Performance consists state for "system wide" (18 rows): 104.158.07.127 oer-cycles 104.158.07.127 oer-cycles 2.56.47.16.27.128 (1.110.110.110.110.110.110.110.110.110.1	1.9188 +- 0.0553 seconds time eleven	d (+- 2.98%)	
\$4.00 1.00			
1,15,16	Performance counter stats for 'syste	m wide' (10 runs):	
1,1,15,60	324 126 627 127		(+- 12 595) (** 510)
\$1,95.17.8.20 color-references (*** 2.68.7.5.21) diff-lead** \$1,95.7.8.2 diff-lead** \$1,95.7.8.2 diff-lead** \$1,95.7.8.2 diff-lead** (*** 2.68.7.5.21) diff-lead** \$1,95.7.8.2 diff-lead** (*** 2.68.7.5.21) diff-lead** (**** 2.68.7.5.21) diff-lead** (***** 2.68.7.5.21) diff-lead** (*********************************		# 0.60 insn per cycle	(+- 10.50%) (41.68%)
17.155.88	2,984,718,283 cache-references		(+- 2.68%) (41.78%)
1,448,04.23 182-stare	171,195,600 cache-misses		(+- 8.09%) (41.71%)
1,448,04.23 182-stare	aw, 388, 757, 137 dTLB-loads 10,446,820 dTLB-load-misses	# 0.05% of all dTLB cache arres	sses (+- 11.95%) (41.72%)
0.18 = 1.12 seconds time sliqued (= 18.385)	3 849 858 325 dTI 8:store		(+- 2.74%) (33.31%)
0.18 = 1.12 seconds time sliqued (= 18.385)	4,251,597 dTLB-store-misses		(+- 12.88%) (33.31%)
0.18 = 1.12 seconds time sliqued (= 18.385)	4 611 541 iTLB-load-misses	# 265 Set of all its probe	(+- 11.71%) (33.31%)
0.18 = 1.12 seconds time sliqued (= 18.38)	35,994,987,883 branch-loads	The same access	(+- 11.25%) (33.32%)
0.18 = 1.12 seconds time sliqued (= 18.385)	37,968,555 branch-load-misses		(+- 8.49%) (33.30%)
Performence counter stats for 'system wide' (18 rows): 85.852.441.881 que-queles 62.377.62.377 instructures 8 8.84 tons per yeals (+ 1.68.1) (13.311) (+ 2.84.3) (41.011) (6.18 to 1.12 seconds time alarmed (
88,802,441,888 (propolar 61,375,643)77 (instructions 8			
0,377,69,377 interaction	Performance counter stats for 'syste	m wide' (10 runs):	
2,375,0377 intractions	22 222 441 222	/+	(** ***)
28,00,01 Color States # 8.778 t of all color refs	62,372,420,377 instructions	(+- 1.68%) # 0.54 in	an per cycle (+- 2.67%) (41.65%)
28,00,01 Color States \$ 0.775 to did Looke refs	9,511,985,188 cache-references	(+- 0.34%)	(41.66%)
13,79,231 618-lead-raises \$ 1,126 of all filts code accesses (= 8,255) (41,600 (8,68,78,444 619-leaders	200,400,781 cache-misses	# 0.170 %	of all cache refs (+- 59.60%) (41.67%)
18,18,19 diff2-stor-wisses		(+- 1.93%)	(41.685)
18,18,19 diff2-stor-wisses	6,865,798,414 dTLB-store	# 1.12% of (+- 3.08%)	(33.365)
222,513,659 TRb-lead-misses 8 2121.98% of all TRB cache accesses (+ 0.26%) (33.33% 124,324,649 branch-lead-misses (+ 5.75%) (33.33%) (+ 5.75%) (33.33%)	84,188,183 dTLB-store-misses	(+- 0.11%)	(33.35%)
13,016,125,957 branch-loads (+-1.12%) (33.22%) 124,324,849 branch-load-misses (+-5.75%) (33.21%)	10,009,004 iTLB-loads	(+- 3.19%)	(33.345)
124,334,849 branch-load-misses (+- 5.75%) (33.31%)	13,816,325,957 branch-loads		
15.2162 0.86 seconds time el (0.86%)	124,334,849 branch-load-misses	(+- 5.75x)	(33.31%)
10.0104 · v.en.en.0000 time eq.(Y* 0.86%)			
	15 2162 +- 8 86	a. a.m.)	



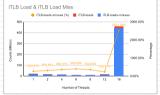


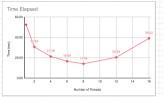












Performance coun	ter stats for '	system wide' (1	10 runs): 8 Three	eds			
429,312,822,868 231,392,481,787 46,979,440,838	cpu-cycles				(+- 0.34	%) (33.32%)	
231,392,481,787	instructio	ns	# 0.54 insr		(+- 0.10	%) (33.32%) %) (41.66%)) (41.69%)	
46,979,448,838 431,492,437 61,894,851,817 21,284,547 15,398,851,813	cache-misses	ences #	0.918 % of all	L cache refs	(+- 0.54% (+- 0.62%) (+- 0.68% es (+- 0.91% (+- 0.19%	(41.69%)	
61,894,851,817	dTLB-loads				(+- 0.08%) (41.69%)	
21,284,547	dTLB-load-misse		0.03% of all di		es (+- 0.91%) (41.70%)) (33.32%)	
9,832,869 d	dTLB-store TLB-store-misse TLB-loads	13			(+- 0.73%) ((+- 0.77%) (33.32%)	
2,274,766 i 8.068.379 i	TLB-loads				(+- 0.77%) (33.32%)	
8,058,379 i 50,792,000,185	TLB-load-misses branch-load	. # 36	53.45% of all iTL	.B cache accesse	(+- 0.57%) (+- 0.67%)	(33.32%)	
63,740,784	branch-load-mis	1303			(+- 0.15%)	(33.32%)	
14.0585 +- 0.098	6 seconds time	elapsed (+-	e.785)				
Performance cour	ter stats for 'systi	em wide' (10 run	s): 6 Threads				
395,585,826,131	cou-cycles					.) (44 444)	
224 595 588 888			# 0.57 insr	n per cycle	(+- 0.10	%) (33.33%) %) (41.66%) .) (41.66%)	
					(+- 0.49%) (41.66%)	
297,183,782 297,183,782 68,816,633,499 18,866,282 14,867,979,231	cache-misses		0.588 % of all	cache refs	(+- 1.68%)	(41.66%) (41.66%)) (41.66%)) (41.66%)	
18,066,282	dTLB-load-misse	n #	0.03% of all di	TLB cache access	es (+- 0.81%) (41.66%)	
14,867,979,231 6,638,347 d	dTLB-store TLB-store-misse				(+- 0.31%) (33.34%)	
	TLB-store-misse TLB-loads	1			(+- 0.97%) ((+- 1.54%) (33.34%)	
8,317,398 i	TLB-load-misses	# 40	04.01% of all iTL	.8 cache accesse	(+- 1.54%) (s (+- 1.11%) (+- 8.11%	(33.34%)	
	branch-load branch-load-mix	h .			(+- 0.11% (+- 0.37%)	(33.34%)	
					(T- 0.37%)	(44.345)	
16.5872 +- 0.065	5 seconds time	elapsed (+-	0.40%)				
Performance coun	ter state for '	system wide" (1	18 runs): 1 Theor	ed.			
254,818,849,142	cpu-cycles				(+- 0.91 (+- 1.83	%) (33.33%) %) (41.66%)	
210,276,005,084 67,293,058,153	instructio cache refer	ences	# 0.85 insr	n per cycle	(+- 1.83 (+- 8.273	%) (41.66%)) (41.66%)	
531,930,406	cache-misses		0.795 % of all	cache refs	(+- 5.87%)	(41.66%)	
60,410,637,322	dTLB-loads				(+- 0.93%) (41.67%)	
67,293,658,153 531,938,406 68,418,637,322 24,687,634 16,366,735,844 6,659,379	dTLB-stor=		0.04% of all di		(+- 8.27% (+- 5.87%) (+- 8.93% es (+- 5.99% (+- 1.43%	(41.66%) (41.65%)) (41.65%)) (41.66%)	
6,659,379 d	TLB-store-misse	rs.			(+- 4.29%) ((+- 18.80%) (33.34%)	
			14 No. of 131 11	T. R. cook	(+- 18.00%) (33.34%)	
43,881,769,929	branch-load		res of all il	nu cache access	es (+- 9.51% (+- 8.66%	, (33.34%)) (33.33%)	
102,707,773	branch-load-mi	3363			(+- 5.77%)	(33.33%)	
52.4629 +- 0.093	& seconds time	elapsed (+-	0.18%)				
Performance coun	ter stats for '	system wide' (1	10 runs): 2 Three	eds			
286,487,243,985	cpu-cycles				(+- 0.37	1) (33.38%)	
216,310,993,296	instructio	es .	# 0.75 insr	n per cycle	(+- 0.60	%) (41.64%)	
62,861,848,919	cache-refer	ences	8 842 % of -11	Lorde refs	(+- 0.47% (+- 0.72%)	(41.65%)	
61,222,027,274	dTLB-loads				(+- 0.603	(41.675)) (41.685)	
23,885,898	dTLB-load-misse	a #	0.04% of all d	TLB cache access	(+- 0.685 ex (+- 0.945 (+- 1.285) (41.62%)	
16,988,561,881	dTLB-store	1			(+- 1.28% (+- 1.36%) () (33.36%) 33.36%)	
286,487,243,985 216,318,993,296 62,861,845,919 534,377,311 61,222,627,274 23,885,698 16,988,561,691 6,195,229 d 4,371,844 i 13,486,483	TLB-loads	-			(+- 1.36%) ((+- 3.68%) (es (+- 1.34%	33.34%)	
13,486,483	iTLB-load-misse	a # 2	291.36% of all i1	TLB cache access	es (+- 1.34%) (33.33%)	
13,486,483 44,747,913,133 127,673,865	branch-load-mi	3363			(+- 0.49% (+- 0.78%)) (33.31%) (33.38%)	
	seconds time el		34%)				
			10 runs): 4 Three	adis .			
367,927,314,291	cpu-cycles					- > (44 445)	
			# 0.64 insr	n per cycle	(+- 0.25	%) (33.31%) %) (41.66%)) (41.67%)	
57,155,784,982	cache-refer	ences	0.754 % of all		(+- 0.383) (41.67%)	
429,255,288	cache-misses		0.754 % of all	cache refs	(+- 1.71%)	(41.69%)) (41.71%)	
234,282,779,531 57,155,784,982 429,255,288 63,387,938,698 21,638,882 16,567,619,188 6,768,556 d	dTLB-load-misse	s #	0.03% of all di	TLB cache access	(+- 1.71%) (+- 8.22% ex (+- 1.65% (+- 8.46%	(41.69%) (41.71%)) (41.71%)) (41.71%)	
16,567,619,180	dTLB-store				(+- 0.46%) (33.35%)	
6,768,556 d 3,489,887 i	TLB-store-misse	s .			(+- 0.93%) ((+- 4 ***) **	33.33%)	
12,563,255	iTLB-load-misse	s # 2	30.42% of all it	TLB cache access	(+- 0.46% (+- 0.93%) ((+- 4.86%) (ex (+- 1.62% (+- 0.28%) (33.31%)	
12,563,255 58,267,898,457	branch-load	à			(+- 0.20%) (33.31%)	
116,898,978	branch-load-mi	3563			(+- 0.82%)	(33.31%)	
21.2795 +- 0.089	2 seconds time	elapsed (+-	0.42%)				
Performance coun	ter stats for '	system wide' (1	10 runs): 12 Thre	eads			
810,369,539,438	cpu-cycles				(+- 0.61	%) (33.31%)	
352,662,844,254			# 0.44 insr	per cycle	(+- 0.48	%) (33.31%) %) (41.64%) .) (41.66%)	
41,997,211,389	cache-refer	ences -	0.990 % of all	Logoba enfo	(+- 0.693	(41.66%)	
332,662,644,254 41,997,271389 416,627,038 79,432,468,728 46,033,807 16,344,915,288 19,263,938 5,185,519 i	dTLB-loads		v. see h or all	Latin Fern	(+- 0.655 (+- 1.08%) +- 1.08%) ex (+- 0.463 (+- 1.11%) (+- 1.15%) (+- 3.27%) (ex (+- 2.23%) (+- 0.563 (+- 1.22%)) (41.78%)	
46,033,807	dTLB-load-misse	s #	0.06% of all di	TLB cache access	es (+- 1.11%) (41.71%)	
16,344,915,288	dTLB-store dTLB-store-miss	ies			(+- 0.63% (+- 1.15%)	(33.36%)	
19,263,938 5,185,519 i 11,968,147	TLB-loads				(+- 3.27%) (33.33%)	
11,968,147 84,356,719,834 99,999,829	iTLB-load-misse		233.08% of all iT	TLB cache access	es (+- 2.23%) (33.30%)	
64,356,719,834 99,999,829	branch-load branch-load-mix	s ises			(+- 0.56% (+- 1.22%)	(33.30%)	
28.394 +- 8.214	seconds time el	apsed (+- 1.	e5x)				
	ter stats for '	system wide' (1	10 runs):				
Performance coun							
				(+- 1.68%) # 0.54 insm (+- 0.34%)		(+- 2.67%)	(41 469)
363,037,053,545	pu-cycles			- e.54 insn	per cycle (41.66%)	(+- 2.67%)	(41.65%)
363,037,053,545	instructions						
363,837,853,545 214,535,141,668 88,484,782,598 134,588,749	instructions cache-references cache-misses			# 0.170 % of	(41.66%) all cache refs	(+- 59.60%)	(41.67%)
363, 837, 853, 545 214, 535, 141, 668 88, 484, 782, 598 134, 588, 749 61, 587, 423, 798	instructions cache-references cache-misses dTLB-loads			# 8.178 % of (+- 1.93%)	(41.66%) all cache refs (41.68%)	(+- 2.67%) (+- 59.68%)	(41.67%)
363,937,933,545 214,535,141,668 88,484,782,599 134,588,749 61,587,423,788 769,314,388 18,392,762,824	instructions cache-references cache-misses ITLB-loads ITLB-load-misses ITLB-store			# 0.170 % of (+- 1.93%) # 1.12% of a (+- % 08%)	(41.68%) all cache refs (41.68%) all dTLB cache ac (33.38%)	(+- 59.68%) cesses (+- 0.25	(41.67%) %) (41.69%)
363,837,853,545 214,535,141,668 80,484,792,590 134,598,749 61,597,423,798 769,814,380 18,392,762,824 426,794,887	instructions cache-references cache-misses ITLB-loads ITLB-load-misses ITLB-store ITLB-store			# 0.170 % of (+- 1.93%) # 1.12% of a (+- 3.08%) (+- 0.11%)	all cache refs (41.68%) 11 dTLB cache ac (33.36%) (33.35%)	(+- 59.68%) cesses (+- 0.25	(41.67%) %) (41.69%)
363,837,853,545 214,535,141,668 88,484,782,599 134,588,749 61,587,423,798 769,814,389 18,392,762,824 426,784,887 17,637,178	instructions cache references cache misses dTLB-loads dTLB-load-misses dTLB-store dTLB-store dTLB-store-misse uTLB-store	es		# 0.170 % of (+- 1.93%) # 1.12% of a (+- 3.08%) (+- 8.11%) (+- 3.19%)	all cache refs (41.68%) all dTLB cache ac (33.36%) (33.35%) (33.34%)	Delines (++ e.25	a) (41.69a)
363,837,853,545 214,535,141,668 88,454,702,500 134,508,749 61,587,423,790 769,814,235,790 15,392,762,824 426,784,887 17,637,178 442,874,889 442,874,887	natructions cache-references cache-misses HTLB-loads HTLB-store HTLB-store HTLB-store-misses HTLB-loads	es s		# 0.170 % of (+- 1.93%) # 1.12% of a (+- 3.08%) (+- 0.11%) (+- 3.19%)	all cache refs (41.685) 11 dTLB cache ac (33.365) (33.355) (33.345)	(+- 59.68%) cesses (+- 0.25	a) (41.69a)
363,837,853,545 214,535,141,668 89,454,762,599 134,588,749 61,587,423,798 709,814,323 18,392,762,824 425,784,887 17,637,178 442,874,889 442,874,887	instructions cache references cache misses dTLB-loads dTLB-load-misses dTLB-store dTLB-store dTLB-store-misse uTLB-store	es s		# 0.170 % of (+- 1.93%) # 1.12% of a (+- 3.08%) (+- 8.11%) (+- 3.19%)	all cache refs (41.685) 11 dTLB cache ac (33.365) (33.355) (33.345)	Delines (++ e.25	a) (41.69a)
363, 837, 953, 545 274, 535, 741, 668 88, 684, 792, 599 134, 598, 749 61, 897, 422, 799 769, 814, 189 18, 192, 762, 824 426, 784, 887 447, 874, 889 45, 426, 672, 517 212, 957, 521	natructions acher references achermisses ffl.B-loads ffl.B-loads ffl.B-atore ffl.B-atore ffl.B-atore ffl.B-atore ffl.B-loads ffl.B-loads ffl.B-loads ffl.B-loads ffl.B-loads ffl.B-atore f	es s		# 0.170 % of (+- 1.93%) # 1.12% of a (+- 3.08%) (+- 0.11%) (+- 3.19%)	all cache refs (41.685) 11 dTLB cache ac (33.385) (33.355) (33.345)	Delines (++ e.25	a) (41.69a)
363,837,853,545 214,535,141,668 89,454,762,599 134,588,749 61,587,423,798 709,814,323 18,392,762,824 425,784,887 17,637,178 442,874,889 442,874,887	natructions acher references achermisses ffl.B-loads ffl.B-loads ffl.B-atore ffl.B-atore ffl.B-atore ffl.B-atore ffl.B-loads ffl.B-loads ffl.B-loads ffl.B-loads ffl.B-loads ffl.B-atore f	es s		# 0.170 % of (+- 1.93%) # 1.12% of a (+- 3.08%) (+- 0.11%) (+- 3.19%)	all cache refs (41.685) 11 dTLB cache ac (33.385) (33.355) (33.345)	Delines (++ e.25	a) (41.69a)