

“Signal to High Prio Thread” benchmark measurements for X86_64 (board: Haswell4)

March 16, 2022

Table 1. X86_64 Pattern 10/100, Traditional kernel

	Min	Max	Mean	Std Dev		Min	Max	Mean	Std Dev					
10/100	Late processing					Late processing w/ delay					Early processing			
Run #1	698	732	718	11.87		722	958	786	34.86		685	1048	758	98.66
Run #2	704	732	721	12.30		725	973	786	34.88		710	1076	784	98.60
Run #3	698	732	718	12.35		722	995	786	39.08		707	1073	781	100.41
Run #4	701	735	720	12.42		722	928	785	34.09		713	1101	787	98.40
Run #5	698	735	717	13.15		713	970	777	35.28		682	1051	754	99.52
Run #6	701	741	720	12.98		725	967	790	35.85		713	1079	787	99.22
Run #7	698	732	718	12.36		722	961	788	35.70		707	1098	782	99.26
Run #8	701	738	721	12.99		725	973	791	37.44		704	1070	779	99.04
Run #9	701	732	719	12.76		722	998	789	37.92		685	1051	758	97.87
Run #10	701	735	721	12.35		725	970	789	35.95		682	1051	758	99.54
	Stats for the columns													
Min	698	732	717	12		713	928	777	34		682	1048	754	98
Max	704	741	721	13		725	998	791	39		713	1101	787	100
Mean	700	734	719			722	969	787			699	1070	773	

Table 2. X86_64 Pattern 10/100, MCS kernel

	Min	Max	Mean	Std Dev		Min	Max	Mean	Std Dev					
10/100	Late processing					Late processing w/ delay					Early processing			
Run #1	943	1303	1011	98.55		937	1436	1053	103.49		940	1306	1009	99.97
Run #2	946	1278	1012	97.23		940	1436	1051	103.09		912	1278	979	101.99
Run #3	940	1312	1005	101.75		937	1436	1052	102.55		940	1306	1006	101.70
Run #4	940	1306	1007	100.62		937	1439	1051	102.83		937	1306	1008	100.61
Run #5	946	1312	1010	99.94		937	1439	1050	103.68		946	1306	1012	99.12
Run #6	943	1306	1009	98.91		940	1436	1051	101.43		912	1296	983	101.11
Run #7	940	1303	1009	100.05		934	1442	1051	103.68		937	1284	1006	100.68
Run #8	937	1306	1007	100.80		937	1436	1049	106.24		912	1287	976	104.53
Run #9	940	1303	1008	99.79		937	1436	1052	104.26		912	1281	980	100.68
Run #10	937	1309	1003	102.25		937	1439	1053	102.92		940	1312	1007	102.47
	Stats for the columns													
Min	937	1278	1003	97		934	1436	1049	101		912	1278	976	99
Max	946	1312	1012	102		940	1442	1053	106		946	1312	1012	105
Mean	941	1304	1008			937	1438	1051			929	1296	997	