

CPU model: Intel(R) Xeon(R) Gold 6248 CPU @ 2.50GHz
Architecture: x86_64
Threads per core: 2
Cores per socket: 20
Sockets: 2
Server name: ProLiant XL270d Gen10
NUMA nodes: 2
Node 0 size: 385588
Node 1 size: 387055
OS: Ubuntu 22.04.3 LTS

M = N		Количество потоков														
		1	2		4		6		8		16		20		40	
		T1	T2	S2	T4	S4	T6	S6	T8	S8	T16	S16	T20	S20	T40	S40
20000	V1	106,15	84,70	1,25	42,23	2,51	28,76	3,69	21,73	4,88	10,92	9,72	8,77	12,10	5,94	17,89
	V2		76,98	1,38	39,63	2,68	26,52	4,00	20,40	5,20	10,86	9,78	9,08	11,69	6,77	15,69
40000	V1	198,44	157,48	1,26	79,32	2,50	55,13	3,60	45,42	4,37	19,85	10,00	16,95	11,70	10,65	18,64
	V2		141,63	1,40	74,04	2,68	51,43	3,86	40,63	4,88	23,36	8,49	18,48	10,74	10,48	18,93

Speedup Analysis

