

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	
1	Gpuowl PRP ms/iter benchmarking versus version and fft length, on an AMD RX480 gpu, mounted directly in an HP Z600 16x PCIe slot																													
2	Win 7, Adrenalin 18.10.2 driver																													
3	FFT size [Approx. min exp & max] v7.2-69 v7.2-53 v7.2-21 v7.1-11 v7.0-66 v6.11-380 v6.11-318 v6.11-259 v6.11-219 v6.11-198 v6.10-9 v6.9-2 v6.8-2 v6.7-4 v6.6-5 v6.5-84																													
37	3M	4.72M	58.41M	1.949	1.953	1.955	1.934	1.935	1.891	1.882	1.886	1.955	2.076	2.513	2.522	2.517	2.511	2.514	2.52	2.55	2.94	2.86	EE load	57001057	2.752					
38	3.25M	5.11M	63.93M	2.404	2.428	2.524	2.366	2.379	2.381	2.383														59291411						
39	3.5M	5.51M	67.87M	2.247	2.272	2.322	2.221	2.235	2.174	2.163	2.170	2.243	2.374	2.912	2.916	2.915	2.912	2.912	2.915					59291411						
40	3.75M	5.90M	73.37M	2.943	2.945	3.004	2.904	2.911	2.892	2.901														73004279						
41	4M	6.29M	77.30M	2.884	2.790	2.865	2.984	2.983	2.891	2.888	2.849	2.872	3.192	3.130	3.129	3.124	3.134	3.129	3.131	3.194	3.40	3.816		76000207	3.193	3.213	3.164	3.115		
42	4.5M	7.08M	86.70M	2.848	2.846	2.898	2.824	2.820	2.749	2.738	2.75	2.897	2.965	3.704	3.719	3.715	3.718	3.710	3.718	3.795	4.10	4.17	EE load	85000483	3.764	4.16	3.86			
43	5000K																							83872163					4.75	
44	5M	7.86M	96.07M	3.230	3.255	3.299	3.256	3.253	3.158	3.161	3.214	3.266	3.712	4.135	4.147	4.136	4.133	4.132	4.137	4.206	4.86	4.696	EE load	95000011	4.483	4.508	4.326			
45	5.5M	8.65M	105.41M	3.859	3.855	4.078	3.712	3.722	3.645	3.620	3.629	3.765	3.779	4.537	4.558	4.554	4.557	4.554	4.542					103246861						
46	6M	9.44M	114.74M	4.059	4.059	4.207	4.023	4.027	3.926	3.898	3.875	3.982	4.178	4.947	4.938	4.917	4.927	4.937	4.923	5.33	5.838	6.207	5.406	113000033	5.61					
47	6.5M	10.22M	125.95M	5.147	5.151	5.378	5.148	5.150	5.061	5.038														125939521						
48	7M	11.01M	133.32M									4.838												133161331						
49	7.5M	11.80M	144.55M																					144202441						
50	8M	12.58M	151.83M							5.145														151000033	6.678		7.03	6.58		
51	9M	14.16M	170.28M							5.906				7.824										169000061	7.91		7.63			
52	10M	15.73M	188.68M																					188141881						
53	11M	17.30M	207.02M																					207001801						
54	12M	18.87M	225.32M																					225001741						
55	13M	20.45M	248.1M																					247001701						
56	14M	22.02M	261.08M																					260001727						
57	15M	23.59M	284.71M																					284001673						
58	16M	25.17M	298.13M							15.54														297000059	14.12		14.23			
59	18M	28.31M	334.34M							14.793				16.387										333000163	16.94		16.3			
60	20M	31.46M	370.44M							17.07				18.714										369000029	19.082		18.96			
61	22M	34.6M	406.43M											19.99										405001661						
62	24M	37.75M	442.34M																					441001669						
63	26M	40.89M	488.59M																					487001663						
64	28M	44.04M	513.91M																					509000099						
65	30M	47.19M	560.64M																					559001657						
66	32M	50.33M	581.27M																					580001651						
67	36M	56.62M	656.22M							27.14														654000059	34.48	34.36	34.16			
68	40M	62.91M	727.03M	34.902	33.555	33.876	31.875	31.912		31.726	31.862	32.635	34.336											720000049	41.19		41.31			
69	44M	69.21M	797.64M																					780000017						
70	48M	75.50M	868.07M																					867000083	50.32					
71	52M	81.79M	961.97M																					960009689						
72	56M	88.08M	1008.44M							49.234														999999937						
73	60M	94.37M	1103.74M																					1100000017						
74	64M	100.66M	1140.39M																					1138000001						
75	72M	113.25M	1287.53M																					1250000029	75.09		72.95			
76	80M	125.83M	1426.38M																					1410000023						
77	88M	138.41M	1564.83M																					1562000009						
78	96M	150.99M	1702.92M																					1690000133						
79	104M	163.58M	1893.52M																					1891000019						
80	112M	176.16M	1978.12M																					1976000017						
81	120M	188.74M	2172.36M																					2147483563						
82	128M	201.33M	2236.48M																					2236000033						
83	144M	226.49M	2525.23M																					2500000057	164.5		158			
84	160M	251.66M	2797.39M																					2780000033						
85	176M	276.82M	3068.76M																					3066999961						
86	192M	301.99M	3339.40M																					3321928171						
87	count of fastest / fft length																													
88	Has PRP proof																													
89	PRP type																													
90	Has LLDC																													
91	Has Jacobi check																													
92	Has P-1 2 stages with save files																													
93	TF (On ROCm Linux only)																													
94	Bold ms/iter numbers above indicate fastest time for the fft length across all versions listed here.																													
95	Blue numbers above indicate runs made for different exponents on other gpuowl versions than the values listed above which were used for V6.2; This convention was dropped for V6.5 and above.																													
96	V3.8 and 5.0 9M were for 171000041; V3.8 16M timing was for 299000059; V3.8 20M for 371000039; V3.8 36M for 658000139; V3.8 and V5.0 40M for 728000017; V3.8 and V5.0 144M for 1500000041																													
97	Red numbers above indicate anomalously long iteration times, more than 2:1 longer than other choices for the same fft length																													
98	Further performance may be obtainable, with options -carry, -block, -log, -fft nondefault, and where applicable, -use flags																													
99	V7.1 produces bad proof files, do not use. V6.8 and v6.9 have issues saving interim files (at least on Windows)																													
100	https://mersenneforum.org/showthread.php?t=26152																													