The SSDF rating list, 2020-07, in memoriam Tony Hedlund

Article

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		Rating	+	-	Games	Won	Oppo
1	Stockfish 11 x64 1800X 3.6 GHz	3558	48	-42	330	76%	3354
2	Stockfish 10 x64 1800X 3.6 GHz	3525	29	-27	720	71%	3369
3	Stockfish 9 x64 1800X 3.6 GHz	3484	27	-25	842	71%	3325
4	Komodo 13.1 x64 1800X 3.6 GHz	3471	32	-30	520	64%	3372
5	Komodo 13.02 x64 1800X 3.6 GHz	3464	30	-29	600	65%	3352
6	Komodo 12.3 x64 1800X 3.6 GHz	3454	27	-26	760	66%	3334
7	Stockfish 9 x64 Q6600 2.4 GHz	3444	32	-31	480	56%	3401
8	Komodo 12.3 x64 Q6600 2.4 GHz	3436	38	-36	360	60%	3361
9	Stockfish 8 x64 1800X 3.6 GHz	3427	22	-21	1320	73%	3255
10	Komodo 13.2.5 MCTS x64 1800X 3.6 GHz	3423	50	-48	200	56%	3381
11	Stockfish 8 x64 Q6600 2.4 GHz	3411	31	-30	560	65%	3301
12	Komodo 13.02 MCTS x64 1800X 3.6 GHz	3401	31	-30	520	57%	3346
13	Komodo 11.01 x64 1800X 3.6 GHz	3397	20	-19	1394	69%	3259
14	Deep Shredder 13 x64 1800X 3.6 GHz	3357	24	-24	880	64%	3256
15	Booot 6.3.1 x64 1800X 3.6 GHz	3356	22	-22	960	51%	3349
16	Komodo 11.01 x64 Q6600 2.4 GHz	3340	27	-27	642	50%	3339
17	Komodo 9.1 x64 Q6600 2.4 GHz	3338	20	-19	1475	72%	3176
18	Stockfish 6 x64 Q6600 2.4 GHz	3326	21	-20	1256	69%	3190
19	Vajolet2 2.8 x64 1800X 3.6 GHz	3299	27	-28	650	38%	3382
20	Booot 6.3.1 x64 Q6600 2.4 GHz	3295	30	-30	520	53%	3270
21	Deep Shredder 13 x64 Q6600 2.4 GHz	3295	24	-23	884	64%	3192
22	Vajolet2 2.8 x64 Q6600 2.4 GHz	3280	46	-41	320	73%	3104
23	Arasan 21.2 x64 1800X 3.6 GHz	3279	28	-29	600	38%	3360
24	Komodo 7 x64 Q6600 2.4 GHz	3269	23	-23	974	65%	3159
25	Arasan 21.2 x64 Q6600 2.4 GHz	3251	44	-46	240	41%	3312
26	Komodo 5.1 x64 Q6600 2.4 GHz	3245	22	-22	1038	64%	3144
27	Wasp 3.5 x64 1800X 3.6 GHz	3223	29	-31	600	32%	3349
28	Deep Hiarcs 14 1800X 3.6 GHz	3222	25	-26	760	39%	3296
29	Deep Rybka 4 x64 Q6600 2.4 GHz	3198	19	-19	1408	64%	3098
30	Deep Hiarcs 14 Q6600 2.4 GHz	3188	19	-18	1450	61%	3112
31	Chiron 3.01 x64 Q6600 2.4 GHz	3178	27	-27	656	45%	3214
32	Wasp 3.5 x64 Q6600 2.4 GHz	3170	38	-39	320	44%	3216
33	Deep Junior Yokohama x64 Q6600 2.4 GHz	3126	22	-22	1010	42%	3183
34	Hiarcs 14 Athlon 1.2 GHz	3100	29	-29	560	55%	3065
35	Deep Fritz 13 Q6600 2.4 GHz	3097	24	-24	826	55%	3064
36	The Baron 3.43 x64 1800X 3.6 GHz	3088	29	-31	680	26%	3272
37	Revelation 2 Hiarcs 14.1 PXA320 800 MHz	2924	47	-46	220	55%	2889
38	Chessmaster King 3.5 x64 Q6600 2.4 GHz	2860	24	-25	932	30%	3008
39	Revelation Hiarcs 13.3 PXA255 500 MHz	2772	57	-52	177	66%	2660
40	Revelation Shredder 12 PXA255 500 MHz	2703	60	-58	140	56%	2665
41	Revelation Rybka 2.2 PXA255 500 MHz	2628	47	-44	240	62%	2546
42	Revelation Deep Sjeng 3 PXA255 500 MHz	2593	67	-74	104	37%	2684
43	Millennium The King Exclusive 300 MHz	2543	70	-67	104	57%	2495
44	ChessGenius 3 ZTE Apex3 ARM A53 1.3 GHz	2447	65	-62	120	56%	2402
45	Revelation Ruffian 2.1 PXA255 500 MHz	2349	68	-71	100	45%	2386
46	TASC R30 v. 2.5 ARM6 30 MHz	2274	42	-38	343	69%	2137
47	Millennium ChessGenius Excl. M7 300 MHz	2244	68	-62	120	62%	2159
48	Millennium ChessGenius Pro M4 120 MHz	2165	59	-54	160	63%	2068
49	Millennium ChessGenius ARM M4 48 MHz	2075	51	-47	211	63%	1986
50	Mephisto London 68000 12 MHz	2006	59	-58	140	53%	1983

1 Stockfish 11 x64 1800X 3.6 GHz, 3558

| Stock8 1800X | 39,5-20,5 | Ko132M 1800X | 27-13 | Komo11 1800X | 31-9 |
| Booot6 1800X | 27,5-12,5 | Vaj28 1800X | 92,5-17,5 | Arasa21 1800X | 34,5-5,5 |

10 Komodo 13.2.5 MCTS x64 1800X 3.6 GHz, 3423

| Stoc11 1800X | 13-27 | Stoc10 1800X | 15-25 | Vaj28 1800X | 57,5-22,5 |
| DHiar14 1800X | 26-14 | | | | |

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 22 Vajolet2 2.8 x64 Q6600 2.4 GHz, 3280

Arasa21 Q6600     17-23     DRybka4 Q6600     25-15     Was35 Q6600      27,5-12,5
DFrit12 Q6600     60-20     DFrit11 Q6600     33-7      Arasa16 Q6600    72,5-7,5

 164 Millennium The King Exclusive 300 MHz, 2543

Pock Fritz 3H     5,5-14,5  Revelat DSj3      2,5-1,5   PF3 Glaurung2    7,5-12,5
PF4 Craft 23      12,5-7,5  ChGen3 ZTE        14-6      PTiger09 Tung    17-3
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This first list of 2020 will be dedicated in honor of the late Tony Hedlund. *

For this new rating list we can present four new entrants. Three PC-programs and one dedicated chess computer.

First out is the new leader on our rating list, namely Stockfish 11. For the testing we have used the free opening book by Fauzi Dabat, named: "Aggressive 4.5 by Fauzi.abk". This strong combo has achieved a very impressive rating of 3558 after 330 games played and this is 33 points ahead of its older version.

We have also got enough games to be able to present a later version of the Monte Carlo Tree Search-version of Komodo, by Mark Lefler and Larry Kaufman. The version tested this time is 13.2.5. After the first 200 games the rating are 22 points stronger than the last version tested (13.02). As before we have used the Komodo opening book by Erdogan Gunes for the testing.

We are also able to present the formerly tested Vajolet2 2.8 by Marco Belli on our Q6600-hardware this time. After 320 games played on this hardware, it has reached a rating of 3280. A rating which is just 19 points shy from the version we have tested on our 1800X platform. More games against stronger opponents will be needed to see if this margin will hold.

Last but not least is the manually tested chess computer which goes by the name: Millennium The King Exclusive. A dedicated chess computer which is manufactured by the company Millennium 2000 GmbH. Similar to the ChessGenius Exclusive, it has an ARM Cortex M7 processor which is clocked at 300 MHz. The program used in this chess computer is the highly regarded King-program by Johan De Koning. We have tested versions of his programs before, both in dedicated chess computers and as engines in the well known Chessmaster-series. After the first 104 games it has recieved a very strong rating of 2543! A rating which is 22 points stronger than the Chessmaster 8000 which we tested on the K6-2 450 MHz back in the days, and 345 points ahead of the King 2.0 version which we tested in form of the dedicated Chessmachine-card for PC.

Most points gained since last list was +15 for Arasan 21.2 1800X, PF 3 Glaurung gained 11 points and Deep Hiarcs 14 1800X gained 5 points. ChessGenius 3 on our mobile Android-platform lost 10 points and Wasp 3.5 1800X lost 8 points.

We have begun testing of the new Komodo-version, the latest versions of Booot and Wasp. We will also soon begin the manual testing of DGT/Ruud Martins: Revelation II Anniversary Edition. We hope to have the next list out sometime in the beginning of autumn, depending on how the testing goes until then.

Stay safe out there and hope to meet you all in autumn again.

Lars Sandin

* Link