

The SSDF chess engine rating list, 2018-10

Article

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The SSDF Chess Engine Rating List 2018-10

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#	Name	Rating + / -	Games	Win %	Against	Notes
01	Stockfish 9 x64 1800X 3.6 GHz	3502 38 / 35	482	76%	3302	NE; A, Tord Romstad, Marco Costalba and Joonas Kiiski
02	Stockfish 8 x64 1800X 3.6 GHz	3430 30 / 27	860	79%	3203	1800X is the fastest current SSDF hardware
03	Stockfish 8 x64 Q6600 2.4 GHz	3416 47 / 43	280	70%	3269	NE; 13½-26½ v #01, 27½-12½ v #06, 28½-11½ v #07
04	Komodo 11.01 x64 1800X 3.6 GHz	3395 26 / 24	974	75%	3208	A, Mark Lefler and GM Larry Kaufman; 19-21 v #02
05	Deep Shredder 13 x64 1800X 3.6 GHz	3367 30 / 28	640	68%	3238	A, Stefan Meyer-Kahlen; ICGA WCCC #6; 16½-23½ v #04
06	Booot 6.3.1 x64 1800X 3.6 GHz	3347 40 / 38	320	60%	3273	NE; A, Alex Morozov; ICGA WCCC 2018 #2; 19½-20½ v #09
07	Komodo 9.1 x64 Q6600 2.4 GHz	3342 21 / 20	1395	73%	3167	ELO ↓10; 19-21 v #05, 21-19 v #06, 21-19 v #09
08	Komodo 11.01 x64 Q6600 2.4 GHz	3340 35 / 34	402	60%	3269	ELO ↑7; 20½-19½ v #05, 26-14 v #13, 26½-13½ v #17
09	Stockfish 6 x64 Q6600 2.4 GHz	3330 22 / 21	1176	69%	3190	19-21 v #07, 23-17 v #10, 21½-18½ v #11
10	Deep Shredder 13 x64 Q6600 2.4 GHz	3296 24 / 23	884	64%	3193	17-23 v #09, 18½-21½ v #11, 22-20 v #12
11	Komodo 7 x64 Q6600 2.4 GHz	3269 24 / 23	934	65%	3159	14-30 v #07, 22½-17½ v #12, 24-18 v #17
12	Komodo 5.1 x64 Q6600 2.4 GHz	3246 22 / 22	1038	64%	3145	11½-28½ v #09, 20-22 v #10, 21½-18½ v #14
13	Deep Hiarcs 14 1800X 3.6 GHz	3211 30 / 31	520	41%	3270	A, Mark Uniacke; 15-25 v #05, 9½-30½ v #09
14	Stockfish 3 x64 Q6600 2.4 GHz	3202 19 / 19	1380	61%	3125	13-35 v #09, 13½-26½ v #10, 14-26 v #11
15	Deep Rybka 4 x64 Q6600 2.4 GHz	3201 21 / 20	1288	67%	3080	A, IM Vasil Rajlich; 19-21 v #18, 30-10 v #25, 31-17 v #26
16	Deep Rybka 3 x64 Q6600 2.4 GHz	3194 22 / 21	1371	75%	3002	15½-24½ v #12, 21-19 v #14, 18-22 v #15
17	Deep Hiarcs 14 Q6600 2.4 GHz	3188 19 / 18	1450	61%	3113	19½-22½ v #16, 26-14 v #31, 29½-10½ v #32
18	Chiron 3.01 x64 Q6600 2.4 GHz	3182 27 / 28	616	45%	3217	A, Ubaldo Andrea Farina; 22-18 v #17, 23-17 v #19
19	Wasp 2.01 x64 1800X 3.6 GHz	3161 28 / 29	646	35%	3270	A, John Stanback; 19-21 v #17, 23½-16½ v #24
20	Naum 4.2 x64 Q6600 2.4 GHz	3146 21 / 21	1123	60%	3078	A, Alexander Naumov; 16-24 v #15, 19½-20½ v #16
21	Deep Junior Yokohama x64 Q6600 2.4 GHz	3125 22 / 23	930	43%	3170	A, Amir Ban & Shay Bushinsky; 16½-25½ v #20
22	Naum 4 x64 Q6600 2.4 GHz	3120 19 / 18	1436	61%	3039	14-26 v #16, 19-21 v #21, 23-21 v #25, 25-15 v #26
23	Deep Junior 13.3 x64 Q6600 2.4 GHz	3117 19 / 19	1290	50%	3119	21-21 v #17, 36½-55½ v #20, 20½-19½ v #25, 23½-18½ v #26
24	The Baron 3.43 x64 1800X 3.6 GHz	3115 39 / 42	320	35%	3222	NE; A, Richard Pijl; ICGA WCCC 2018 #8; 19-21 v #25
25	Spike 1.4 Q6600 2.4 GHz	3109 16 / 16	1911	53%	3090	A, Ralf Schäfer & Volker Böhm; ELO ↑4; 10-30 v #15
26	Deep Shredder 12 x64 Q6600 2.4 GHz	3104 18 / 18	1507	62%	3016	17-31 v #15, 18½-23½ v #23, 24½-17½ v #25, 29-11 v #35
27	Hiarcs 14 Athlon 1.2 GHz	3100 33 / 31	480	62%	3018	ELO ↓5; 17-23 v #14, 19½-20½ v #29, 22½-17½ v #33
28	Hiarcs 13.1 Q6600 2.4 GHz	3099 24 / 23	868	56%	3055	20-22 v #23, 17½-24½ v #25, 17½-22½ v #26
29	Deep Hiarcs 13.2 Q6600 2.4 GHz	3098 23 / 23	872	55%	3061	19½-20½ v #23, 21-27 v #26, 20-20 v #30,
30	Deep Fritz 13 Q6600 2.4 GHz	3097 24 / 24	826	55%	3064	A, Frans Morsch; 18½-25½ v #20, 25½-16½ v #22, 17-23 v #23
31	Wasp 2.01 x64 Q6600 2.4 GHz	3062 42 / 50	362	19%	3312	A, John Stanback; 9½-30½ v #13, 14-26 v #17
32	Crafty 25 x64 Q6600 2.4 GHz	3028 25 / 26	804	35%	3135	A, Robert Hyatt; 10½-29½ v #17, 12½-27½ v #18
33	The Baron 3.43 x64 Q6600 2.4 GHz	3026 34 / 34	400	50%	3022	5½-34½ v #10, 17½-22½ v #27
34	Arasan 17.2 x64 Q6600 2.4 GHz	3000 26 / 26	686	46%	3029	A, Jon Dart; 11½-28½ v #25, 16-24 v #27, 15-25 v #30
35	Naum 4 Athlon 1.2 GHz	2996 23 / 24	876	40%	3066	11-29 v #26, 16-24 v #33
36	Fritz 13 Athlon 1.2 GHz	2992 45 / 41	280	65%	2881	12½-27½ v #27, 25-15 v #37
37	Shredder 12 Athlon 1.2 GHz	2982 25 / 27	760	35%	3089	15-25 v #36
38	Wasp 2.01 Athlon 1.2 GHz	2960 32 / 31	480	55%	2924	ELO ↓8; 10½-29½ v #23, 10½-29½ v #25, 17½-22½ v #36
39	Revelation 2 Hiarcs 14.1 PXA320 800 MHz	2923 47 / 46	220	55%	2889	6-14 v #36
40	Chessmaster King 3.5 x64 Q6600 2.4 GHz	2861 24 / 25	932	30%	3010	A, Johan de Koning; 5½-34½ v #25, 7-33 v #28
41	Pro Deo 2.1 YAT Athlon 1.2 GHz	2826 32 / 31	480	57%	2780	A, Ed Schröder; ELO ↑6;
42	Revelation Hiarcs 13.3 PXA255 500 MHz	2772 57 / 52	177	66%	2660	
43	Revelation Shredder 12 PXA255 500 MHz	2703 60 / 58	140	56%	2663	
44	Revelation Rybka 2.2 PXA255 500 MHz	2628 47 / 44	240	62%	2545	
45	Revelation Deep Sjeng 3 PXA255 500 MHz	2599 68 / 76	100	37%	2691	A, Gian-Carlo Pascutto
46	ChessGenius 3 ZTE Apex3 ARM A53 1.3 GHz	2458 75 / 68	100	62%	2375	A, Richard Lang; 12½-7½ v #47
47	Revelation Ruffian 2.1 PXA255 500 MHz	2351 68 / 71	100	45%	2392	A, Per-Ola Valfridsson; ELO ↓6; 14½-5½ v #49
48	TASC R30 v. 2.5 ARM6 30 MHz	2273 42 / 38	343	69%	2136	A, Johan de Koning
49	Millenium ChessGenius Pro M4 120 MHz	2179 72 / 63	120	68%	2051	A, Richard Lang; 5½-14½ #47
50	Millenium ChessGenius ARM M4 48 MHz	2087 57 / 53	169	62%	2001	A, Richard Lang

Fig. 1. The recently tested 'Selected 50' from SSDF rating list '2018-10' of 2018-10-16, q.v., <https://ssdf.bosjo.net>.^{1, 2, 3}

¹ 'Games' ≡ the number of games, played at '40m/2hr + 20m/1hr', on which the rating is based. 'Against' ≡ the average rating of opponents. The '+' and '-' denote upper/lower 95%-confidence intervals. 'A' ≡ author(s), 'NE' ≡ new entrant.

² Latest platform: AMD Ryzen 7 1800X, 8-core @ 3.6GHz, 16GB RAM, SSD, 6-man Syzygy EGTs.

³ The full SSDF long list with some match detail is available at <http://centaur.reading.ac.uk/80283/>.