

Home * Engines * Chess Genius



Chess Genius for DOS ^[8]

Chess Genius (ChessGenius), a series of chess engines by [Richard Lang](#), written in [assembly](#) for various processor architectures such as [Motorola 68000](#) and [Intel 8086](#) and [x86](#), and successor of Lang's [dedicated](#) 68000 based [Mephisto Vancouver](#) program incorporating small improvements, the 8086 version first released in 1992 as [PC](#) program running under 16-bit [MS-DOS](#) ^[1]. Chess **Genius 2** won the [manufacturers](#) and Absolute World Microcomputer Chess Champion titles at the [WMCCC 1993](#) running on the PC based [Mephisto Wundermaschine](#), and was also shipped as [Mephisto Genius 68030 module](#) for [Mephisto module systems](#).

Chess **Genius 4** in 1995 became a 16-bit [Windows](#) program ^[2] with a [GUI](#) developed by [Adrian Millett](#) ^[3] written in [C](#) ^[4], which further evolved to a multi-engine GUI via **Chess Genius 6** (6.5) to the [Millennium Chess System](#) ^[5], and the *Chess Genius Classic* GUI ^[6]. Chess Genius was further ported to various PDA and mobile platforms, such as [Palm](#) and [Apple's iPhone](#), [iPod touch](#), and [iPad](#) on the [iTunes Store](#) ^[7], as well as [Android](#). In November 2015, Chess Genius, ported to the [ARM Cortex-M](#) processor, was released as dedicated [Millennium ChessGenius](#).

Table of Contents

[Screenshots](#)

[Intel Grand Prix](#)

[Instances](#)

[See also](#)

[Publications](#)

[Forum Posts](#)

[1993 ...](#)

[1995 ...](#)

[2000 ...](#)

[2005 ...](#)

[2010 ...](#)

[2015 ...](#)

[External Links](#)

[References](#)

[What links here?](#)

Screenshots



Chess Genius Classic 7.1 for
[Windows](#) ^[9]

ChessGenius for [Android](#) ^[10]

Intel Grand Prix

In 1994, during the [Intel](#) Grand Prix Cycle ^[11] in [London](#), Chess **Genius 3**, operated by [Ossi Weiner](#), won a speed chess game (25-minutes per side) against [Garry Kasparov](#) ^[12] and drew the second game, knocking Kasparov out of the tournament. This was the first match that Kasparov ever lost to a computer. In the next round, Genius then beat [Predrag Nikolić](#), but then lost to [Viswanathan Anand](#) ^[13] ^[14] ^[15] ^[16] .

```
[Event "Intel Chess Grand Prix"]
[Site "London (England)"]
[Date "1994.08.12"]
[Round "1"]
[White "Garry Kasparov"]
[Black "Chess Genius"]
[Result "0-1"]
```

```
1.c4 c6 2.d4 d5 3.Nf3 Nf6 4.Qc2 dxc4 5.Qxc4 Bf5 6.Nc3 Nbd7 7.g3 e6 8.B
g2 Be7
9.O-O O-
O 10.e3 Ne4 11.Qe2 Qb6 12.Rd1 Rad8 13.Ne1 Ndf6 14.Nxe4 Nxe4 15.f3 Nd6
16.a4 Qb3 17.e4 Bg6 18.Rd3 Qb4 19.b3 Nc8 20.Nc2 Qb6 21.Bf4 c5 22.Be3 c
xd4
23.Nxd4 Bc5 24.Rad1 e5 25.Nc2 Rxd3 26.Qxd3 Ne7 27.b4 Bxe3+ 28.Qxe3 Rd8
29.Rxd8+
Qxd8 30.Bf1 b6 31.Qc3 f6 32.Bc4+ Bf7 33.Ne3 Qd4 34.Bxf7+ Kxf7 35.Qb3+
Kf8
36.Kg2 Qd2+ 37.Kh3 Qe2 38.Ng2 h5 39.Qe3 Qc4 40.Qd2 Qe6+ 41.g4 hxg4 42.
fxg4 Qc4
43.Qe1 Qb3+ 44.Ne3 Qd3 45.Kg3 Qxe4 46.Qd2 Qf4+ 47.Kg2 Qd4 48.Qxd4 exd4
49.Nc4
Nc6 50.b5 Ne5 51.Nd6 d3 52.Kf2 Nxg4+ 53.Ke1 Nxh2 54.Kd2 Nf3+ 55.Kxd3 K
e7 56.Nf5+
Kf7 57.Ke4 Nd2+ 58.Kd5 g5 59.Nd6+ Kg6 60.Kd4 Nb3+ 0-1
```

Game and short analyze on Lichess.org : <https://fr.lichess.org/BhO7GmBH>

Instances

- [Mephisto Wundermaschine](#)
- [Mephisto Genius 68030](#)
- [Millennium ChessGenius](#)

See also

- [Mephisto](#)
- [Mephisto Vancouver](#)
- [Millennium Chess System](#)
- [Psion](#)

Publications

- [Eric Hallsworth](#) (1992). *Chess Genius*. [Selective Search](#) 43, pp. 7, [pdf](#) hosted by [Mike Watters](#)
- [Richard Lang](#) (1995). *Chess Genius 4*. [Computer Chess Reports Vol. 5 No. 3+4](#), pp. 80
- [Paul Wiereyn](#) (1997). *Genius-3 Cooked Endgame Studies*. [ICCA Journal, Vol. 20, No. 3](#)

Forum Posts

1993 ...

- [Chess Genius](#) by Roy Eassa, [rgc](#), March 08, 1993
- [Chess Genius](#) by Ray Helie, [rgc](#), June 08, 1993
- [New programs released!](#) by Ralf Stephan, [rgc](#), October 10, 1993 » [Gideon](#)
- [Chess Genius 2.0](#) by Murat Saygin, [rgc](#), December 18, 1993
- [Mephisto Genius 3.0 - A bit of info](#) by Franz Hemmer, [rgc](#), October 02, 1994
- [cg](#) by [Pc Solutions](#), [rgc](#), December 29, 1994

1995 ...

- [Genius 4 is a Windows program](#) by Andy Duplain, [rgcc](#), November 24, 1995
- [Win95/genius 4 users note](#) by [PC SOL](#), [rgcc](#), March 30, 1996
- [Chess Genius 3.0--->4.0 Upgrade](#) by Daniel Chinn, [rgcc](#), August 07, 1996
- [Genius 5 \(DOS us Windows\)](#) by Hansjoerg Zech, [rgcc](#), December 11, 1996
- [Genius isn't sensitive enough?](#) by Serge Desmarais, [rgcc](#), April 16, 1997
- [Genius' asymmetric-search by example: TRY yourself](#) by [Thorsten Czub](#), [rgcc](#), December 30, 1997
- [Chess Genius 5](#) by Frank Nelson, [rgcc](#), April 18, 1998
- [Opinions on Genius 5.0](#) by barry, [rgcc](#), April 18, 1998
- [CG6 --- integration of all chess engines -- good or bad?!](#) by Lonnie, [rgcc](#), November 03, 1998 » [Millennium Chess System](#)
- [Genius 6 Questions](#) by Chessnut, [rgcc](#), February 20, 1999

- [Re: Chess Genius 6.5](#) by [Pc Solutions](#), [rgcc](#), November 24, 1999 » [Shredder](#), [Millennium Chess System](#)
- [Genius 6.5 - Is it an improvement?](#) by [Albert Silver](#), [CCC](#), November 25, 1999

2000 ...

- [Re. Genius on Palm / Richard Lang the return](#) by [Steve Maughan](#), [CCC](#), February 09, 2000
- [Genius 6.5 vs. 6.0/6.1 vs. 5](#) by Roy Eassa, [CCC](#), December 07, 2000
- [Genius2 is clearly a legal free program](#) by [Uri Blass](#), [CCC](#), April 09, 2001
- [Genius strongest version?](#) by Jonas Cohonas, [CCC](#), July 09, 2002
- [Chess Genius 7 Engine](#) by James Constance, [CCC](#), November 02, 2002
- [Is Genius the only asymmetry program out there?](#) by Dana Turnmire, [CCC](#), October 08, 2003
[Re: Is Genius the only asymmetry program out there?](#) by [Christophe Théron](#), [CCC](#), October 08, 2003
- [Chess Genius 5 question](#) by Murat, [CCC](#), December 29, 2004

2005 ...

- [Asymmetry in Genius?](#) by [Vladimir Medvedev](#), [CCC](#), September 15, 2005 ^{[\[17\]](#)}
- [Chess Genius Classic 7](#) by adam wilks, [CCC](#), December 16, 2005
- [Question about ChessGenius for Symbian OS](#) by Vikrant Malvankar, [CCC](#), December 19, 2005
- [Richard Lang Give me Some News](#) by [Fernando Villegas](#), [CCC](#), June 01, 2007
- [Who is testing Genius 7?](#) by Marek Soszynski, [CCC](#), December 21, 2007
- [ChessGenius Classic 7.200e Download](#) by [Norbert Raimund Leisner](#), [CCC](#), July 23, 2008
- [ChessGenius for the iPhone](#) by [Bryan Whitby](#), [CCC](#), October 22, 2008

2010 ...

- [Strength of Chess Genius Classic](#) by Gerald Grimsley, [CCC](#), October 06, 2010
- [Re: Some thoughts on QS](#) by [Don Dailey](#), [CCC](#), July 24, 2012 » [Quiescence Search](#)
- [ChessGenius for Windows 8](#) by [Norbert Raimund Leisner](#), [CCC](#), May 12, 2013
- [Embedded freeware engines into ChessGenius Classic GUI](#) by [Norbert Raimund Leisner](#), [CCC](#), July 25, 2014

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- [Does DOSBOX accept Mephisto Genius 3?](#) by Jonathan Lee, [CCC](#), April 03, 2015 » [MS-DOS](#)
- [ChessGenius 7 Classic GUI - commercial UCI chess engines](#) by [Norbert Raimund Leisner](#), [CCC](#), April 14, 2015
- [Millennium Chess Genius is here](#) by [Thorsten Czub](#), [CCC](#), October 09, 2015 » [Millennium ChessGenius](#)
- [Chess Genius Pro](#) by [Hans van Mierlo](#), [Hiarcs Forum](#), August 12, 2016
- [Chess Genius 3 Beat Kasparov on a Pentium 90?](#) by [Brendan J. Norman](#), [CCC](#), May 30, 2017

External Links

- [Official Website](#)
- [Chess Genius' ICGA Tournaments](#)
- [Download Chess Programs](#) hosted by [Ed Schröder](#)
- [ChessGenius from Wikipedia](#)
- [ChessGenius Classic 7.0 - The Chess Program that beat Kasparov!](#)
- [ChessGenius for Desktop PC's - Adding chess engines in the ChessGenius GUI](#)

References

1. [^] [Eric Hallsworth](#) (1992). *Chess Genius*. [Selective Search](#) 43, pp. 7, [pdf](#) hosted by [Mike Watters](#)
2. [^] Staff (1995). *An Interview with Richard Lang*. [Computer Chess Reports Vol. 5 No. 3+4](#) pp. 63
3. [^] [ChessGenius Classic 7.0 - The Chess Program that beat Kasparov!](#)
4. [^] [Richard Lang](#) (1995). *Chess Genius* 4. [Computer Chess Reports Vol. 5 No. 3+4](#), pp. 80
5. [^] [Schachclub Leinzell - Schach + PC - Shredder 5, Teil 1](#) by [Peter Schreiner](#) (German)
6. [^] [ChessGenius Classic 7.0 - The Chess Program that beat Kasparov!](#)
7. [^] [Chess Genius for iPhone, iPod touch, and iPad on the iTunes App Store](#)
8. [^] [Septober - Computerschach](#) by [Herbert Marquardt](#)
9. [^] [ChessGenius Classic 7.0 - The Chess Program that beat Kasparov!](#)
10. [^] [ChessGenius for Android](#)
11. [^] [GM Magazine: Vol. 12 Intel Grand Prix London 1994 {DVD}](#) by [GM Daniel King](#)
12. [^] [Matches](#) by [Ed Schröder](#)
13. [^] [Intel Rapid Chess Grand Prix 1994 - London](#) from [chessgames.com](#)
14. [^] [Garry Kasparov vs Chess Genius \(1994\)](#) from [chessgames.com](#)
15. [^] [ChessGenius - Famous game - Wikipedia](#)
16. [^] [Kasparov, Garry 2805 - Genius 3, Intel World Chess Grand Prix London \(1\) 1994 D23, 0-1 \[Hertneck,G\]](#) from [Schachcomputer.info Wiki](#) (German)
17. [^] [Re: Farewell of chess programmers](#) by [Thorsten Czub](#), [CCC](#), September 15, 2005

What links here?

Page	Date Edited
Adrian Millett	Jul 12, 2017
Aegon 1993	Mar 26, 2017
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Aegon 1997	Apr 7, 2017
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Chess System Tal	Jan 13, 2017
Cyrus	Jul 22, 2014

Page	Date Edited
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Tournaments	Dec 21, 2017
WCCC 1992	Feb 26, 2018
WCCC 1995	Jul 12, 2017
WMCCC 1993	Dec 30, 2017
WMCCC 1995	Jan 3, 2018
World Microcomputer Chess Championship	Jan 7, 2016
Zarkov	Feb 26, 2018

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