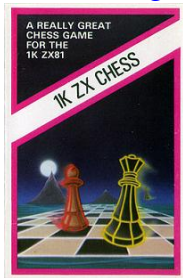


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Artic Cover ^[11]

1K ZX Chess,

a chess program for the [Sinclair ZX81](#), written in 1982 by [David Horne](#) in [Z80 Assembly](#) with a code size of 672 bytes, including the [user interface](#), as published with listing in [Your Computer](#), February 1983 ^[1]. 1K ZX Chess was commercially market by the author himself ^[2], and soon by [Artic Computing](#) ^[3] ^[4], a software development company set up by Richard Turner ^[5] and [Chris Thornton](#) ^[6], a chess programmer himself, and author of [Spectrum Chess](#) ^[7], which competed at the [European MCC 1982](#) and [1983](#), and [Turbo Chess](#) for the [ZX Spectrum](#) ^[8].

1K ZX Chess was further released by [Sinclair Research](#) in 1982 ^[9]. The program could only play white starting either with 1.e4 or 1.d4. [Castling](#), [promotions](#) and [en passant](#) were not implemented, while a version for the unexpanded 2K [Timex Sinclair 1000](#) includes these moves ^[10].

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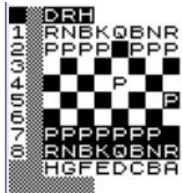
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- [Spectrum Chess](#)
- [SuperChess](#)
- [ZX Chess](#)
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Publications

- [Brendon Gore \(1982\). Interview-One Degree In Artic. Your Computer, May 1982](#)
- [David Horne \(1982\). Chess in 1K. Your Computer, December 1982](#)
- [David Horne \(1983\). ZX-81 Chess. Your Computer, January 1983](#)
- [David Horne \(1983\). Full ZX-81 Chess in 1K. Your Computer, February 1983](#)

Forum Posts

- [World smallest chess program](#) by [Óscar Toledo Gutiérrez](#), [comp.lang.c](#), November 22, 2006
- [Turnier: Schachcomputer vergleich zu alte Computerschach Spiele](#) by [Spacious Mind](#), [Schachcomputer.info Forum](#), August 12, 2008 (German)

External Links

- [1K ZX Chess from Wikipedia](#)
- [1K ZX81 Chess Z80 Assembly listing](#) © Copyright [David Horne](#)
- [ZX81 Publisher Information for D. R. Horne Magazine Page Scan from World of Spectrum, June 1982](#)

- [ZX81 Cassette Tape Information for 1K ZX Chess](#) (Artic) [Magazine Page Scan from World of Spectrum, July 1982](#)
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- [The greatest program ever written](#) | [kuro5hin.org](#), Aug 10, 2001
- [1K Chess Showdown](#) - [malevolent design weblog](#)
- [Computer Schach](#) by [Andre Adrian](#) (German)
- [Classic Computer Chess - ... The programs of yesteryear](#) by [Carey](#), hosted by the [Internet Archive](#)
- [The world's smallest chess engines](#) by [Albert Silver](#), [ChessBase News](#), September 23, 2015 » [1K ZX Chess](#), [BootChess](#), [Toledo Nanochess](#), [Micro-Max](#)

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1. [^] [David Horne](#) (1983). [Full ZX-81 Chess in 1K](#). [Your Computer](#), February 1983
2. [^] [Magazine Page Scan from World of Spectrum, June 1982](#)
3. [^] [Magazine Page Scan from World of Spectrum, July 1982](#)
4. [^] [ZX81 Cassette Tape Information for 1K ZX Chess](#) (Artic)
5. [^] [Brendon Gore](#) (1982). [Interview-One Degree In Artic](#). [Your Computer](#), [May 1982](#)
6. [^] [Artic Software from Wikipedia](#)
7. [^] [Chris A. Thornton - World of Spectrum](#)
8. [^] [Turbo Chess - World of Spectrum](#)
9. [^] [ZX81 Cassette Tape Information for 1K ZX Chess](#)
10. [^] [Retrogaming Times Monthly - Issue #56 - January 2009](#)
11. [^] [ZX81 Cassette Tape Information for 1K ZX Chess](#) (Artic)
12. [^] [ZX81 Cassette Tape Information for 1K ZX Chess](#)
13. [^] [Re: Old programs CHAOS and USC](#) by [Dann Corbit](#), [CCC](#), July 11, 2015

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