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Mephisto Europa ^[5]

Mephisto Europa, a low cost [dedicated chess computer](#) released in 1987 by [Hegener & Glaser](#) featuring a [6800 compatible Hitachi 6301Y0 8-bit CMOS microcontroller unit](#) (MCU) ^{[1] [2]}, a [sensory board](#) with [file](#) and [rank](#) indicator [leds](#), and a [membrane keypad](#) plus status leds inside a plastic housing. The chess program by [Frans Morsch](#) resides in the MCU integrated 16 KiB [ROM](#) where it had to manage the only 256 bytes of integrated [RAM](#). Its internal identical successor **Mephisto Europa A** was further marketed as **Mephisto Schachschule** (Chess school) with integrated chess lessons along with the accompanied chess teaching book by [Helmut Pflieger](#) and [Ossi Weiner](#) ^[3]. Mephisto Europa played the [First International Chess-Computer Tournament in the USSR 1989](#) ^[4].

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References

1. ^ [Mephisto Europa](#) from [Schachcomputer.info Wiki](#) (German)
2. ^ [HD6301Y0 Datasheet\(PDF\) - Hitachi Semiconductor](#)
3. ^ [Mephisto Europa & Schachschule Electronic Chess Computer](#) by [The Spacious Mind](#)
4. ^ [Alexander Timofeev](#) (1989). *Report on the 1st International Chess-Computer Tournament in the USSR*. [ICCA Journal](#), Vol. 12, No. 2
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