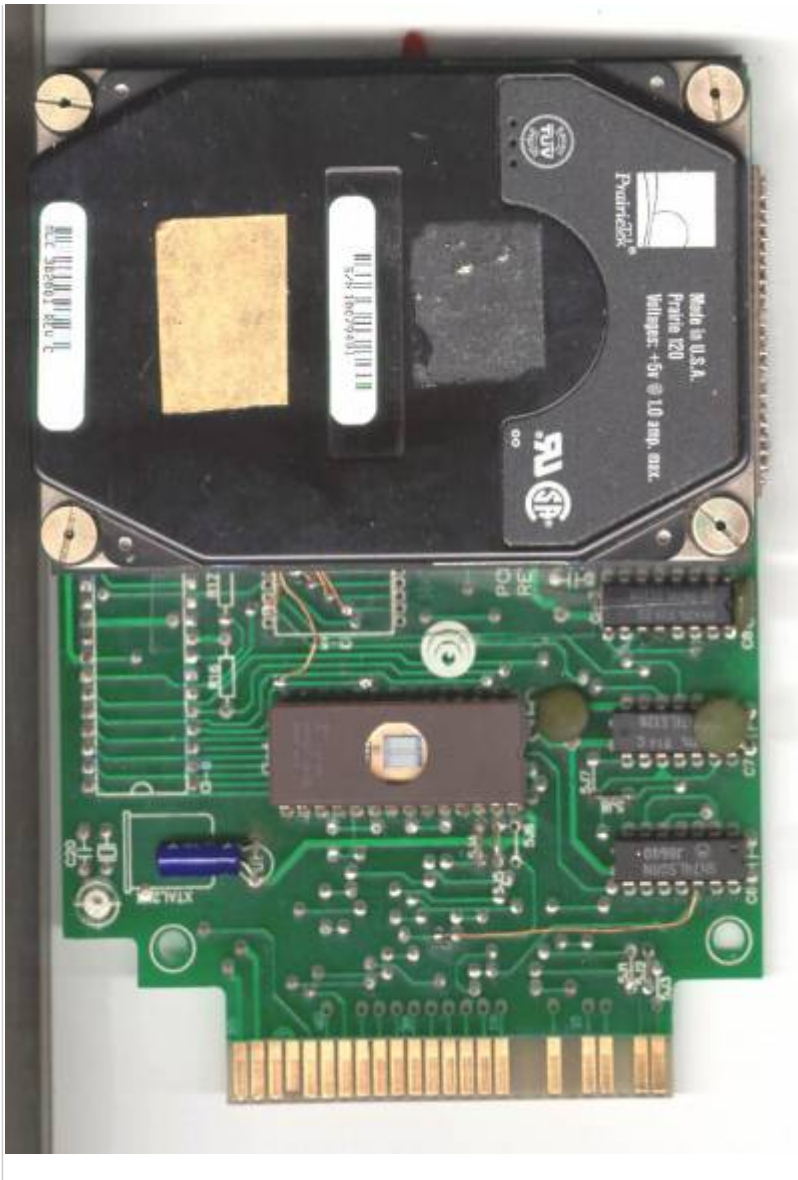


Beer IDE 202









BEER 202 IDE is a PATA/IDE–interface for MSX computers. It has been developed by Egor Voznesenski (SOLiD) in mid-1990s. Interface supports only one IDE or CF device. Designed to be simple, inexpensive board, BEER 202 is built from easy to obtain cheap components. It's firmware is based on MSXDOS DiskROM v1, so it is 100% DOS 1 compliant, and mostly¹⁾ compatible with CP/M. The device can also be used with MiSiX — MSX-DOS 1 derived OS, developed by Egor himself, UZIX²⁾ and SymbOS. Neither MSXDOS 2 or memory mapper are required (nor are built in), so perfect for MSX 1. Card's [schematics](#). There are different versions of BEER firmware, these are the most recent:

1. BEER firmware v1.8 ([binary](#), [source](#))
2. BEER firmware v1.9 ([source](#), [binary](#))

[PCB-design for BEER IDE](#), by [Arnold Metselaar](#)! Eagle format and postscript.



ATTENTION: This design contains an error, potentially very damaging. Pin 2 of the IDE header should be connected to GND (0V) and not to VCC (+5V). Using the design without this correction is very likely to cause a short circuit when a drive is connected to the IDE header.

Файл	Описание
Original sources	Source code of firmware 1.8 (uncorrected) and disk partitioning tool HPREP

Footnote 1

Works are ongoing to support Beer IDE in CP/M. Footnote 2

Installing UZIX on BEER IDE is specifically tricky, e.g. UZIX considers HDD partitions to be FDD's (/dev/fd*), yet still works fine.

Relevant links

¹⁾

See [Footnote 1](#)

²⁾

See [Footnote 2](#)

https://sysadminmosaic.ru/en/msx/beer_ide/beer_ide?rev=1675367522

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