

# Videoton TVC



The Videoton TVC (Televízió Computer) is a home computer series produced by the Hungarian company Videoton. Released in 1986, it was based on the Zilog Z80 CPU and was primarily popular in Hungary. The TVC line included several models: TVC 32, TVC 64, and TVC 64+, differing mainly in memory configuration. It featured a built-in BASIC interpreter and was capable of displaying graphics and playing cassette-based software.

## Quick reference

- **Emulator:** [RetroArch](#) or [MAME](#)
- **Core:** [libretro: ep128emu-core](#), [libretro: mame](#)
- **Folder:** /userdata/roms/tvc
- **Accepted ROM formats:** .cas, .tap, .dsk, .img, .zip

## BIOS

### RetroArch (ep128emu-core)

The ep128emu-core provides built-in ROM images. No external BIOS files are required, although it can use custom ROM versions if placed in /userdata/bios/ep128emu/roms/.

MD5 checksum	Share file path	Description
8c54285f541930cde766069942bad0f2	bios/ep128emu/roms/tvc22_sys.rom	TVC system BIOS
5ce95a26ceed5bec73995d83568da9cf	bios/ep128emu/roms/tvc22_ext.rom	TVC extension BIOS
a2cf86ba8e7fc58b242137fe59036832	bios/ep128emu/roms/tvcfileio.rom	TVC Direct File I/O
88dc7876d584f90e4106f91444ab23b7	bios/ep128emu/roms/tvc_dos12d.rom	TVC disk BIOS

## MAME

MAME requires the following BIOS file placed in /userdata/bios/:

File	Description
tvc64.zip	Videoton TVC 64 BIOS

## ROMs


Place your TVC ROMs in /userdata/roms/tvc.

## Emulators

### RetroArch

[RetroArch](#) (formerly SSNES), is a ubiquitous frontend that can run multiple “cores”, which are essentially the emulators themselves. The most common cores use the [libretro](#) API, so that's why cores run in RetroArch in Batocera are referred to as “libretro: (core name)”. RetroArch aims to unify the feature set of all libretro cores and offer a universal, familiar interface independent of platform.

### RetroArch configuration

RetroArch offers a **Quick Menu** accessed by pressing [HOTKEY] +  which can be used to alter various things like [RetroArch and core options](#), and [controller mapping](#). Most RetroArch related settings can be altered from Batocera's EmulationStation.

Standardized features available to all cores of this emulator: `tvc.videomode`, `tvc.ratio`, `tvc.smooth`, `tvc.shaders`, `tvc.pixel_perfect`, `tvc.decoration`, `tvc.game_translation`

### libretro: ep128emu-core

[ep128emu-core](#) is a highly accurate emulator ported to libretro. It supports both [Enterprise 64/128](#) and Videoton TVC emulation.

### libretro: MAME

[MAME](#) can emulate the Videoton TVC 64 using the `tvc64` driver. This allows loading cassette and disk images directly.

### MAME (standalone)

The standalone [MAME](#) emulator provides the same `tvc64` driver as the libretro core, but as a separate application.

## Controls

Most TVC software is operated with the keyboard. There is a minimal [pad2key](#) configuration provided, but if you use only a joystick, you will most probably have to remap the keyboard to play your game.

# Troubleshooting

## Further troubleshooting

For further troubleshooting, refer to the [generic support pages](#).

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