



This article needs some TLC. Read at your own risk.

# Commodore VIC-20

The Commodore VIC-20 is an 8-bit home computer developed by Commodore. It was released in 1980.



In Germany, it was known as the "VC-20" instead, due to the rather unfortunate similarity between the pronunciation of "VIC" with another certain German word...

The VIC-20 was succeeded by the Commodore 64 two years later.

This system scrapes metadata for the "c64" group and loads the c20 set from the currently selected theme, if available.

## Quick reference

- **Emulator:** [VICE](#)
- **Core:** [VICE: xvic](#)
- **Folder:** `/userdata/roms/c20`
- **Accepted ROM formats:** `.a0`, `.b0`, `.crt`, `.d64`, `.d81`, `.prg`, `.tap`, `.t64`, `.m3u`, `.zip`, `.7z`

## BIOS



This needs confirmation.

No Commodore VIC-20 emulator in Batocera needs a BIOS file to run.

## ROMs

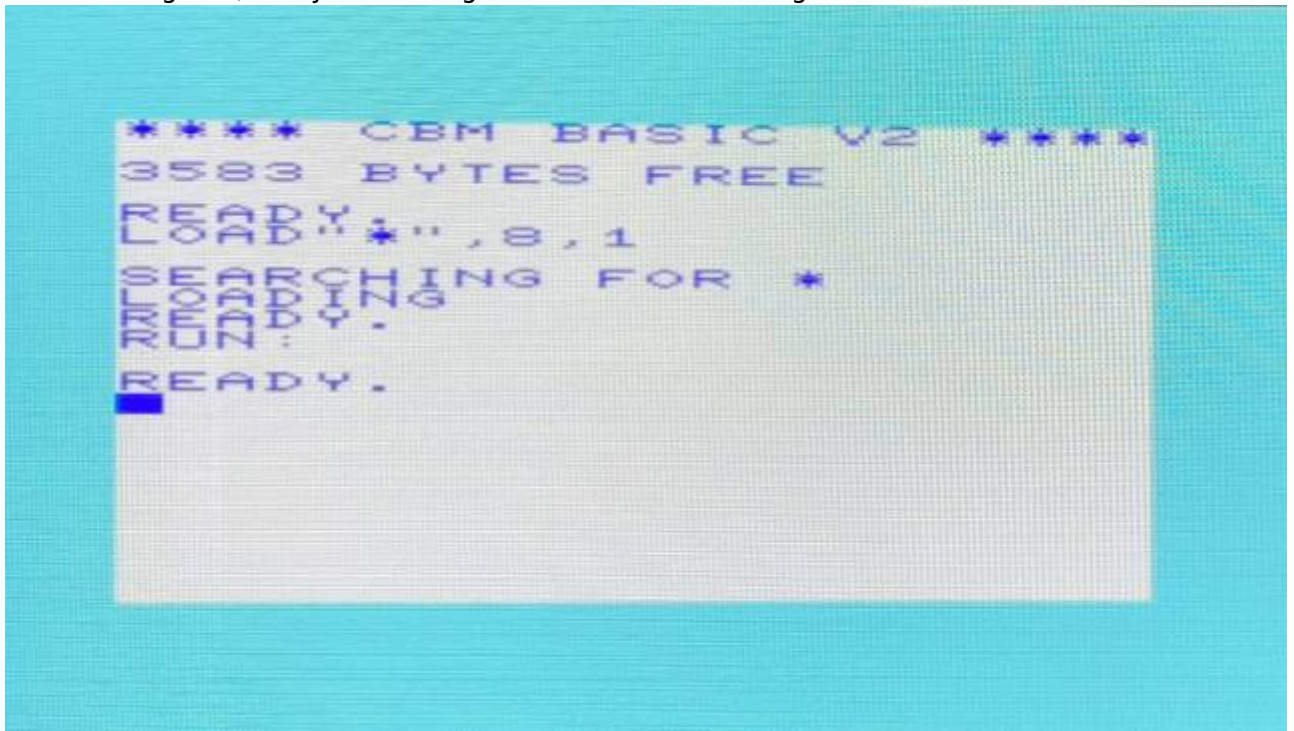


Needs polish/alternatives/automated script(?)

Place your Commodore VIC-20 ROMs in `/userdata/roms/c20`.

For now, ROMs must be manually specified in VICE in order to use them with its VIC-20 emulator.

1. Launch the game, and you will be greeted with the following screen



2. Open VICE's menu with [START].
3. Select **Add to generic cartridge**.
4. Choose the cartridge type appropriate to your ROM ("4/8KiB" is fine for most).
5. Select your intended ROM.

Put the rom in the C20 folder  
 start(menu)⇒ Cartridge⇒Add to generic cartridge

```
Cartridge
Attach generic cartridge image
Attach Behr Bonz image
Attach Mega-Cart image
Attach Final Expansion image
Attach UltiMem image
Attach Vic Flash Plugin image
```

```
Add to generic cartridge →
```

(select bank)

```
Add to generic cartridge
Smart-attach cartridge image
Attach 4/8/16KiB image at $2000
Attach 4/8/16KiB image at $4000
Attach 4/8/16KiB image at $6000
Attach 4/8KiB image at $A000
Attach 4KiB image at $B000
```

(select rom)

```
Select cartridge image (<<-)
/userdata/roms/c20
Cosmic Cruncher-fixed-A000.prg
_info.txt
gamelist.xml
```

ESC key or

Exit the menu with the start button



6. Exit the menu with [START].

## Emulators

### VICE

#### VICE configuration

Standardized features available to all cores of this emulator: c20.videomode, c20.ratio, c20.padtokeyboard, c20.decoration

| ES setting name  | batocera.conf_key | Description ⇒ ES option key_value |
|--|-------------------|-----------------------------------|
| <b>Settings that apply to all cores of this emulator</b> |                   |                                   |

| ES setting name batocera.conf_key       | Description ⇒ ES option key_value   |
|---|---|
| <b>ZOOM (HIDE BORDERS) c20.noborder</b> | Hides borders on many games. Some games used the borders.<br>⇒ NO (DEFAULT) 0, YES 1. |

## Controls

Here are the default Commodore VIC-20's controls shown on a [Batocera RetroPad](#):



## Troubleshooting

### Further troubleshooting

VICE itself has [an extensive user manual](#).

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

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