

# Emulators

What emulators are shipped with Batocera Linux? For a full overview check out our [compatibility list](#) on the main website.

With Batocera 29+, you can use the [pad2key](#) feature: it enables you to map your pad to keyboard keys, in order to play games on old computers, or [DOS](#) or [Windows](#) games that have sparse joypad support.

## 3DO

- [3DO Interactive Multiplayer](#)

## Commodore Amiga

- [Amiga 500](#)
- [Amiga 500+](#)
- [Amiga 600](#)
- [Amiga 1000](#)
- [Amiga 1200](#)
- [Amiga 3000](#)
- [Amiga 4000](#)
- [Amiga CD32](#)
- [Amiga CDTV](#)

## Amstrad

- [Amstrad CPC464](#)
- [Amstrad CPC664](#)
- [Amstrad CPC6128](#)
- [Amstrad GX4000](#)

## Apple

- [Apple II](#)

## Atari

- [Atari 800](#)
- [Atari 2600](#)
- [Atari 5200](#)
- [Atari 7800](#)
- [Atari ST](#)
- [Atari Jaguar](#)
- [Atari Lynx](#)

## Arcade

- [Easy & Advanced Arcade](#)
- [MAME](#)
- [Final Burn Neo](#)
- [Sega Sammy Atomiswave](#)
- [Daphne Arcade LaserDisc](#)
- [Sega Model 3](#)
- [Sega NAOMI](#)
- [Lightgun games](#)

## Bandai

- [WonderSwan](#)
- [WonderSwan Color](#)

## Commodore

- [Commodore 64](#)
- [Commodore 128](#)
- [VIC 20](#)
- [Plus/4](#)

## ColecoVision

- [ColecoVision](#)

## DOS / MS-DOS / IBM PC

- [DOS](#)

## Fairchild

- Channel F (also known as Luxor Video Entertainment System, Adman Grandstand Video Entertainment Computer, SABA Videoplay, ITT Telematch Processor, Nordmende Color TelePlay, Dumont Videoplay or Barco Challenger in various countries)

## Fantasy consoles

- [pico8](#)
- [tic80](#)
- [PyGame](#)

## Flatpak

- [flatpak](#)

## Fujitsu

- [fmtowns](#)

## Future Pinball

- [fpinball](#)

## Magnavox

- Odyssey 2 (also known as Philips Odyssey 2 or Videopac G7000 in some countries)

## Microsoft

- [MSX](#)
- [MSX 2](#)
- [MSX 2+](#)
- [MSX Turbo-R](#)
- [Xbox](#)

## Moonlight

- [Moonlight](#)

## Neo Geo

- [Neo Geo MVS](#)
- [Neo Geo AES](#)
- [Neo Geo CD](#)
- [Neo Geo Pocket](#)
- [Neo Geo Pocket Color](#)

## Nintendo

- [Game & Watch](#)
- [GameCube](#)
- [GameBoy](#)
- [GameBoy Color](#)
- [GameBoy Advance](#)
- [Family Disk System](#)

- [Nintendo 3DS](#)
- [Nintendo 64](#)
- [Nintendo DS](#)
- [Nintendo Entertainment System](#)
- [Super NES CD-ROM System](#)
- [Super Nintendo Entertainment System](#)
- [Virtual Boy](#)
- [Wii](#)
- [WiiU](#)

## NEC

- [PC-8800](#)
- [PC-9800](#)
- [PC Engine](#)
- [PC Engine CD](#)
- [PC-FX](#)

## ScummVM

- [ScummVM](#)

## Sega

- [Dreamcast](#)
- [Game Gear](#)
- [Genesis/MegaDrive](#)
- [Master System](#)
- [Sega 32x](#)
- [Sega CD](#)
- [Sega Saturn](#)
- [Sega SG 1000](#)

## Sharp

- [X68000](#)
- [X1](#)

## Sinclair

- [ZX81](#)
- [ZX Spectrum](#)

## Sony

- [Playstation Portable \(PSP\)](#)

- [Playstation 1 \(PSX\)](#)
- [ps2](#)
- [ps3](#)

## Thomson

- [MO5 / MO6 / T07 / T07-70 / T08](#)

## Windows

- [Microsoft Windows \(32 and 64 bits\)](#)
- [Flash Player](#)

## Emulators directory tree

Below you can find the structure of the emulators directories that sit in `/userdata/roms/`. In case you lose it, or in case there is a change/update when you upgrade your Batocera distribution, the current empty directory structure can always be found in `/usr/share/batocera/datainit/roms/`. Some emulators might not be available on your architecture (for instance, PS2/PS3 are only on Batocera PC, not on Raspberry Pis...)

Here is the list for Batocera 31:

```
3do
3ds
amiga1200
amiga500
amigacd32
amigacdtv
amstradcpc
apple2
atari2600
atari5200
atari7800
atari800
atarist
atomiswave
c128
c20
c64
cannonball
cavestory
channelf
colecovision
cplus4
daphne
devilutionx
dos
```

dreamcast  
easyrpg  
fbneo  
fds  
flash  
flatpak  
fmtowns  
fpinball  
gameandwatch  
gamecube  
gamegear  
gb  
gb2players  
gba  
gbc  
gbc2players  
gx4000  
intellivision  
jaguar  
lightgun  
lutro  
lynx  
mame  
mastersystem  
megadrive  
moonlight  
mrboom  
msx1  
msx2  
msx2+  
msxturbor  
mugen  
n64  
n64dd  
naomi  
nds  
neogeo  
neogeocd  
nes  
ngp  
ngpc  
o2em  
openbor  
pc88  
pc98  
pcengine  
pcenginecd  
pcfx  
pet  
pico8  
pokemini

ports  
prboom  
psp  
psx  
ps2  
ps3  
pygame  
satellaview  
saturn  
scummvm  
sdlpop  
sega32x  
segacd  
sg1000  
snes  
snes-msul  
solarus  
sufami  
supergrafx  
supervision  
thomson  
tic80  
tyrquake  
vectrex  
virtualboy  
wii  
wiiu  
windows  
windows\_installers  
wswan  
wswanc  
x1  
x68000  
xash3d\_fwgs  
xbox  
zx81  
zxspectrum

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