MSX2+

The MSX2+ is a computer developed by Microsoft. It was released in 1988.

This system scrapes metadata for the “msx” group and loads the `msx2+` set from the currently selected theme, if available.

Grouped with the “msx” group of systems.



Quick reference

- **Accepted ROM formats:** `.dsk`, `.mx2`, `.rom`, `.zip`, `.7z`, `.cas`, `.m3u`
- **Folder:** `/userdata/roms/msx2+`

Emulators
libretro: bluemsx
libretro: fmsx
openmsx
CLK

BIOS

MD5 checksum	Share file path	Description
ec3a01c91f24fbddcbcab0ad301bc9ef	`bios/MSX2.ROM` for BlueMSX and OpenMSX, and `bios/MSX/msx2.rom` for CLK	
2183c2aff17cf4297bdb496de78c2e8a	`bios/MSX2EXT.ROM` for BlueMSX and OpenMSX, and `bios/MSX/msx2ext.rom` for CLK	

Download the BlueMSX standalone at http://bluemsx.msxblue.com/rel_download/blueMSXv282full.zip

Then extract the “Databases” and “Machines” folders and add them to the `bios` folder.

For fMSX these files are required instead:

```
CARTS.SHA
CYRILLIC.FNT
DISK.ROM
FMPAC.ROM
FMPAC16.ROM
ITALIC.FNT
KANJI.ROM
MSX.ROM
MSX2.ROM
MSX2EXT.ROM
MSX2P.ROM
MSX2PEXT.ROM
MSXDOS2.ROM
PAINTER.ROM
RS232.ROM
```

ROMs

Place your MSX2 ROMs in `/userdata/roms/msx2+`.

Multi-disk games

Some MSX2 games require multiple disks to play. This can be handled by RetroArch using a M3U playlist. For example:

test-game.m3u

```
test game disk 1.dsk
test game disk 2.dsk
test game disk 3.dsk
```

Batocera will automatically hide the extra disk files and only show the M3U playlist as the playable game in EmulationStation.

Emulators

RetroArch

RetroArch has its own page.

libretro: blueMSX

blueMSX is a cycle-accurate, open-source MSX/SVI/ColecoVision/SG-1000 emulator with high compatibility. This is the libretro port of it.

libretro: blueMSX configuration

ES setting name `batocera.conf_key`	Description ⇒ ES option `key_value`
Settings that apply to all systems this core supports	
REDUCE SPRITE FLICKERING `global.bluemsx_nospritelimits`	Enhancement. Remove the four sprites per line limit. ⇒ Off `False`, On `True`.

All other settings must be adjusted with RetroArch's **Quick Menu** (`[HOTKEY]` + ).

libretro: fMSX

libretro: fMSX configuration

Standardized features for this core: `msx2.rewind`, `msx2.autosave`, `msx2.netplay`, `msx2.cheevos`

openmsx

openmsx configuration

Standardized features available to all cores of this emulator: `msx2.videomode`, `msx2.padtokeyboard`, `msx2.videomode`, `msx2.bezel`, `msx2.bezel_stretch`, `msx2.hud`, `msx2.hud_corner`, `msx2.bezel.tattoo`, `msx2.bezel.tattoo_corner`, `msx2.bezel.tattoo_file`, `msx2.bezel.resize_tattoo`

CLK

CLK aka Clock Signal is a multi-system emulator that is focused on low-latency emulation, that can be used for MSX2. CLK has been added to Batocera 42.

Controls

Here are the default MSX2's controls shown on a Batocera RetroPad:

Troubleshooting

Further troubleshooting

For further troubleshooting, refer to the generic support pages.

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