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# Sharp X68000

The Sharp X68000 is a computer developed by Sharp. It was released in 1987.



This system scrapes metadata for the "x68000" group(s) and loads the x68000 set from the currently selected theme, if available.



## Quick reference

- **Emulator:** [RetroArch](#)
- **Core:** [libretro: px68k](#)
- **Folder:** /userdata/roms/x68000
- **Accepted ROM formats:** .dim, .img, .d88, .88d, .hdm, .dup, .2hd, .xdf, .hdf, .cmd, .m3u, .zip, .7z

## BIOS

MD5 checksum	Share file path	Description
7fd4caabac1d9169e289f0f7bbf71d8e	bios/keropi/iplrom.dat	
cb0a5cfcf7247a7eab74bb2716260269	bios/keropi/cgrom.dat	

## ROMs


Place your Sharp X68000 ROMs in /userdata/roms/x68000.

## 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 libretro cores: x68000.videomode, x68000.videomode, x68000.ratio, x68000.shaderset, x68000.smooth, x68000.integerscale, x68000.bezel, x68000.bezel\_stretch, x68000.hud, x68000.bezel.tattoo, x68000.bezel.tattoo\_corner, x68000.bezel.tattoo\_file, x68000.bezel.resize\_tattoo, x68000.ai\_service\_enabled, x68000.ai\_target\_lang, x68000.ai\_service\_url, x68000.ai\_service\_pause, x68000.runahead, x68000.secondinstance, x68000.video\_frame\_delay\_auto, x68000.vrr\_runloop\_enable, x68000.video\_threaded

ES setting name batocera.conf_key	Description ⇒ ES option key_value
<b>Settings that apply to all cores of this emulator</b>	
<b>GRAPHICS API</b> x68000.gfxbackend	Choose which graphics API library to use. Vulkan may not work for every core. ⇒ OpenGL gl, GLCore glcore, Vulkan vulkan.
<b>AUDIO LATENCY</b> x68000.audio_latency	In milliseconds. Can reduce crackling/cutting out. ⇒ 256 256, 192 192, 128 128, 64 64, 32 32, 16 16, 8 8.
<b>ALLOW ROTATION</b> x68000.video_allow_rotate	Allow cores to set rotation. ⇒ On true, Off false.
<b>CONTROLLER TO LIGHT GUN</b> x68000.lightgun_map	Map controller inputs to light gun inputs. ⇒ On true, Off false.

### libretro: px68k

#### libretro: px68k configuration

Standardized features for this core: x68000.padtokeyboard

ES setting name batocera.conf_key	Description ⇒ ES option key_value
<b>Settings that apply to all systems this core supports</b>	
<b>CPU CLOCK</b> global.px68k_cpuspeed	Slow down or speed up games as appropriate. ⇒ 10Mhz 10Mhz, 16Mhz 16Mhz, 25Mhz 25Mhz, 33Mhz (Overclock) 33Mhz (OC), 66Mhz (Overclock) 66Mhz (OC), 100Mhz (Overclock) 100Mhz (OC), 150Mhz (Overclock) 150Mhz (OC), 200Mhz (Overclock) 200Mhz (OC).
<b>EMULATED RAM SIZE</b> global.px68k_ramsize	⇒ 1MB 1MB, 2MB 2MB, 3MB 3MB, 4MB 4MB, 5MB 5MB, 6MB 6MB, 7MB 7MB, 8MB 8MB, 9MB 9MB, 10MB 10MB, 11MB 11MB, 12MB 12MB.

ES setting name batocera.conf_key	Description → ES option key_value
<b>FRAMESKIP</b> global.px68k_frameskip	Skip frames to improve performance, at the cost of choppy motion. ⇒ Full Frame Full Frame, 1/2 Frame 1/2 Frame, 1/3 Frame 1/3 Frame, 1/4 Frame 1/4 Frame, 1/5 Frame 1/5 Frame, 1/6 Frame 1/6 Frame, 1/8 Frame 1/8 Frame, 1/16 Frame 1/16 Frame, 1/32 Frame 1/32 Frame, 1/60 Frame 1/60 Frame, Auto Frame Skip Auto Frame Skip.
<b>JOYPAD TYPE</b> global.px68k_joytype	Applies to both players. ⇒ Default (2 Buttons) Default (2 Buttons), Megadrive (8 Buttons) CPSF-MD (8 Buttons), Super Famicom (8 Buttons) CPSF-SFC (8 Buttons).

## Controls

Here are the default Sharp X68000's controls shown on a [Batocera RetroPad](#):



## Troubleshooting

### Further troubleshooting

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

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