

*******Retroarch Cores & Bios Files Needed For NES And SNES Classic*******

Some BIOS are optional. But, they are always recommended.

Due to the legal grey area, as far as BIOS are concerned, they cannot be provided for the Cores

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Advisory: KMFDManic

PDF Implementation: Justme488

Retroarch Core	Systems	BIOS Files	Ext.	
(Arcade Cores) km_fbalpha**** km_mame****	Capcom CPS-1 Capcom CPS-2 Capcom CPS-3 Konami Neo-Geo Neo-Geo CD ETC.	qsound.zip (CPS2) neogeo.zip (version varies - old, new, uni) specific ones, otherwise, such as konamigx, pgm, etc, as needed! FBA 2016+ uses neocdz.zip for Neo-Geo CD! (7z Supported on all except MAME 2000/2003/FBA 2012 CPS1/CPS2/CPS3/NEOGEO)	.zip .7z	
km_4do km_opera	Panasonic 3DO	panafz10.bin (Panasonic FZ-10)	.iso .bin .chd .cue	
km_atari800	Atari 400 Atari 800 Atari 600 XL Atari 800XL Atari 130XE Atari 5200	ATARIOSB.ROM (Atari 400/800 NTSC) ATARIOSA.ROM (Atari 400/800 PAL) ATARIBAS.ROM (BASIC interpreter) ATARIXL.ROM (Atari XL/XE OS) 5200.rom (Atari 5200)	.xfd .atr .atx .cdm .cas .bin .a52 .xex .zip	
km_bluemsx	Microsoft MSX Microsoft MSX2 ColecoVision Sega – SG-1000	You can download the 'Databases' and 'Machines' folders from an official full standalone blueMSX emulator installation Move/Copy the 'Databases' and 'Machines' Folders to RetroArch's System directory.	.rom .ri .mx1 .mx2 .col .dsk .cas .sg .sc .m3u	
km_bsnes_mercury_ performance "Slow Core"	SNES Super Game Boy	dsp1.data.rom dsp1.program.rom dsp1b.data.rom dsp1b.program.rom dsp2.data.rom dsp2.program.rom dsp3.data.rom dsp3.program.rom dsp4.data.rom sgb.boot.rom (Super Game Boy)	dsp4.program.rom cx4.data.rom st010.data.rom st010.program.rom st011.data.rom st011.program.rom st018.data.rom st018.program.rom	.sfc .smc .bml
km_fmsex	Microsoft MSX Microsoft MSX2	MSX.ROM (MSX BIOS) MSX2.ROM (MSX2 BIOS) MSX2EXT.ROM (MSX2 ExtROM) MSX2P.ROM (MSX2+ BIOS) MSX2PEXT.ROM (MSX2+ ExtROM)	.rom .msx1 .msx2 .dsk .cas	

Retroarch Core	Systems	BIOS Files	Ext.
km_freechaf	Fairchild Channel F	sl31253.bin sl31254.bin sl90025.bin	.bin
km_freeint	Mattel Intellivision	Ecs.bin (Entertainment Computer System ROM) exec.bin (Executive ROM) grom.bin (Graphics ROM) intellivoice.int (Intellivision)	.int .rom .bin
km_genesis_plus_gx	Sega Game Gear Sega Master System Sega CD Sega Mega Drive Sega Genesis Sega PICO Sega SG-1000	bios_MD.bin (MegaDrive TMSS startup ROM) bios_CD_E.bin (MegaCD EU BIOS) bios_CD_U.bin (SegaCD US BIOS) bios_CD_J.bin (MegaCD JP BIOS) bios_E.sms (MasterSystem EU BIOS) bios_U.sms (MasterSystem US BIOS) bios_J.sms (MasterSystem JP BIOS) bios.gg (GameGear BIOS) sk.bin (Sonic & Knuckles ROM) (lock-on) sk2chip.bin (Sonic & Knuckles UPMEM ROM) (lock-on) areplay.bin (Action Replay ROM) (lock-on) ggenie.bin (Game Genie ROM) (lock-on)	.mdx .md .smd .gen .bin .cue .iso .sms .gg .sg .68k .chd
km_gpsp	Game Boy Advance	gba_bios.bin (Game Boy Advance)	.gba .bin
km_handy	Atari Lynx	lynxboot.img (Lynx Boot Image)	.lnx
km_hatari	Atari ST/STE/TT/Falcon	tos.img (TOS Boot Image)	.st .msa .zip .stx .dim .ipf

Retroarch Core	Systems	BIOS Files	Ext.
km_np2 km_np2kai	NEC – PC - 98 (Neko Project II Kai)	All Files Go in “np2” Folder Example: etc/libretro/system/np2/font.bmp 2608_bd.wav 2608_hh.wav 2608_rim.wav 2608_sd.wav 2608_tom.wav 2608_top.wav bios.rom font.bmp FONT.ROM itf.rom np2.cfg sound.rom	.D98 .xdf .zip .dup .98d .cmd .fdi .hdi .fdd .thd .2hd .nhd .tfd .hdd .d88 .hdn .hdm .88d
km_o2em	Magnavox-Odyssey2 Phillips Videopac+	c52.bin (Videopac+ French BIOS - G7000 model) g7400.bin (Videopac+ European BIOS - G7400 model) jopac.bin (Videopac+ French BIOS) o2rom.bin (Odyssey2 BIOS - G7000 model)	.bin
km_mednafen_pcfx “Slow Core”	NEC PC-FX	pcfx.rom (PC-FX BIOS)	.cue .ccd .toc .chd
km_mednafen_pce_fast	PC-Engine Turbografx-16 PCE-CD Turbografx-CD	gexpress.pce (Game Express CD Card) syscard3.pce (Super CD-ROM2 System V3.xx)	.pce .cue .ccd .iso .img .bin .chd
km_mednafen_saturn “Slow Core”	Sega Saturn	mpr-17933.bin sega_101.bin	.bin .cue .is
km_mgba	Game Boy Game Boy Color Game Boy Advance	gb_bios.bin (Game Boy) gbc_bios.bin (Game Boy Color) gba_bios.bin (Game Boy Advance)	.gb .gbc .gba
km_neocd	Neo-Geo CD	All Files Go in “neocd” Folder Example: etc/libretro/system/neocd/neocd.bin 000-lo.lo neocd.bin uni-bioscd.rom	.Cue + .flac .ogg

Retroarch Core	Systems	BIOS Files	Ext.
km_pcsx_rearmed (neon/peops/unai)	Sony Playstation	scph5500.bin scph5501.bin scph5502.bin	.bin .cue .img .mdf .pbp .toc .cbn .m3u .ccd .chd
km_picodrive	Sega Master System Sega CD Sega Genesis Sega Mega Drive Sega PICO Sega 32X	bios_CD_E.bin (MegaCD EU BIOS) bios_CD_U.bin (SegaCD US BIOS) bios_CD_J.bin (MegaCD JP BIOS)	.bin .cso .gen .smd .md .32x .cue .iso .sms .68k
km_pokemini	Pokemon Mini	bios.min	.min
km_puae_xtreme	Commodore Amiga	kick31.rom WHDLoad.hdf (containing kick34005.A500, kick37175.A500, kick40068.A1200, and kick33180.A500) Direct Load feature, additionally, requires kick34005.A500, kick40063.A600, and kick40068.A1200, in system. kick40060.CD32, kick40060.CD32.ext (Amiga CD32)	Disk Image .adf .dms .fdi .ipf .zip HDD image .hdf .hdz
km_px68k	Sharp - X68000	All Files Go in "keropi" Folder Example: etc/libretro/system/keropi/iplrom.dat keropi/iplrom.dat (X68000 BIOS) keropi/cgrom.dat (Font file)	.dim .m3u .zip .cmd .img .hdf .d88 .xdf .88d .2hd .hdm .dup
km_quasi88	PC-88	All Files Go in "quasi88" Folder Example: etc/libretro/system/quasi88/n88.rom n88.rom, n88_0.rom, n88_1.rom, n88_2.rom, n88_3.rom, n88n.rom, disk.rom, n88knji1.rom, n88knji2.rom, n88knji2.rom, n88jisho.rom	.d88

Retroarch Core	Systems	BIOS Files	Ext.
km_reicast_xtreme	Sega Dreamcast	All Files Go in "dc" Folder Example: etc/libretro/system/dc/dc_boot.bin dc_boot.bin (Dreamcast BIOS) dc_flash.bin (Dreamcast Date/Time/Language) naomi_boot.bin (Atomiswave, Naomi) naomi.zip (limited direct MAME loading)	.cdi .gdi .chd .cue
km_retroarch	Famicom Disk System	disksys.rom (Family Computer Disk System BIOS)	.7z .fds .nes .z
km_snes9x_*	SNES Sufami Turbo Satellaview	BS-X.bin (BS-X Satellaview) STBIOS.bin (Sufami Turbo)	.smc .sfc .swc .bs .f
km_snes9x2016_bright	SNES Sufami Turbo Satellaview	BS-X.bin (BS-X Satellaview) STBIOS.bin (Sufami Turbo) cx4.bin, dsp1.bin, dsp1b.bin, dsp2.bin, dsp3.bin, dsp4.bin, snes_custom_4tap.bin, snes_custom_8tap.bin, st0010.bin, st0011.bin	.smc .sfc .swc .bs .fig
km_uae4arm	Commodore Amiga	kick31.rom WHDLoad.hdf (containing kick34005.A500, kick37175.A500, kick40068.A1200, and kick33180.A500)	Disk Image .adf .dms .fdi .ipf .zip HDD image .hdf .hdz
km_yabause "Slow Core"	Sega Saturn	saturn_bios.bin (Saturn BIOS)	.bin .cue .iso

[To see videos about the various cores, please visit:](#)

[Kyland K AKA KMFDManic's YouTube Channel](#)

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