

Software available by emulating other computers on the Vampire

Many desirable apps and games were released for other computers but not for the Amiga. Some of these programs can still be made to run on an Amiga, by using specific software that emulates the intended hardware for those programs. Thanks to the unprecedented speed of the Vampire, much of this software runs pretty well, even with the overhead added by the emulation layer. This opens up a whole new world of previously unavailable software to Amiga users.

There are many computers that can be emulated on the Amiga / Vampire, but the most useful ones are detailed below. The included comparison tables highlight the software that has become usable owing to the speed boost of the Vampire, compared to previous state-of-the-art solutions.

68k Macintosh

The 68k Mac can be emulated with an emulator like [ShapeShifter](#). (See the "Tips" section in [this page](#) for compatibility considerations for Macintosh emulators.)

Because the Amiga / Vampire already contains the intended CPU (68k), the CPU does not need to be emulated. This drastically reduces the overhead added by the emulation layer. In fact, thanks to the speed of the Vampire, you can run Mac software much faster than the fastest 68k Mac! You can get an incredible experience with many great Mac programs such as the following:

| |
|----------------------------------|
| Applications |
| Netscape Communicator 4 |
| iCab 2 |
| Microsoft Office 4 |
| WordPerfect 3 |
| AppleWorks 5 |
| QuarkXPress 4 |
| Adobe Photoshop 4 |
| Games |
| Prince of Persia 2 |
| Alone in the Dark Trilogy |
| Comanche |
| Microsoft Flight Simulator 4.0 |
| Star Wars: X-Wing |
| Star Wars: TIE Fighter |
| Star Wars: Dark Forces |
| Star Wars: Rebel Assault I & II |
| Sid Meier's Alpha Centauri |
| Civilization II |
| Civilization: Call to Power |
| Heroes of Might and Magic I & II |

| Games |
|-----------------|
| Warcraft I & II |
| The Settlers II |
| SimTower |

Please see [this page](#) for more details about classic Mac OS emulated on the Vampire.

x86 PC

The x86 PC can be emulated with the [PC-Task](#), [PCx](#) or [DOSBox](#) emulators. The experience is comparable to running on an early Pentium processor.

For Windows 3.1 apps, you can get even better performance by first emulating a 68k Mac (like described above) and then running [SoftWindows 1.0](#) on top of classic Mac OS. SoftWindows is a PC emulator that is heavily optimized for Windows 3.1.

| Available software | Fastest alternative 68k accelerator ¹⁾ | Vampire |
|---------------------------------|--|------------------------|
| Apps intended for 486 CPUs | barely usable | usable |
| Games intended for 486 CPUs | unplayable | playable |
| Apps intended for Pentium CPUs | unusable | barely usable |
| Games intended for Pentium CPUs | unplayable | barely playable |

Please see [this page](#) for more details about various PC operating systems emulated on the Vampire.

Atari ST

The Atari ST can be emulated with the [Hatari](#) or [STonAmiga](#) emulators. The Atari STE can be emulated with the [Hatari](#) emulator.

| Available software | Fastest alternative 68k accelerator ²⁾ | Vampire |
|---------------------------|--|-----------------|
| Atari STE apps | barely usable | usable |
| Atari STE games | unplayable | playable |

Acorn Archimedes

The Acorn Archimedes A400 can be emulated with the [ArcEm](#) emulator.

| Available software | Fastest alternative 68k accelerator ³⁾ | Vampire |
|-----------------------------|--|-----------------|
| Acorn Archimedes A400 apps | barely usable | usable |
| Acorn Archimedes A400 games | unplayable | playable |

Commodore 8-bit

The Commodore 64 can be emulated with the [VICE](#), [MagiC64](#), [Frodo](#) or [The A64 Package](#) emulators. The Commodore 128, the Commodore PET, the Commodore CBM-II, the Commodore VIC-20, the Commodore Plus/4, the Commodore 16 and the Commodore 116 can be emulated with the [VICE](#) emulator.

Atari 8-bit

The Atari 400, the Atari 800, the Atari 800XL and the Atari 130XE can be emulated with the [Atari 800](#) emulator.

Apple II

The Apple II and the Apple IIe can be emulated with the [Apple2000e](#) emulator.

ZX Spectrum

The ZX Spectrum 48K can be emulated with the [ZX-Live](#), [ASp](#), [ZXAM](#), [Speculator 97](#) or [Speccylator](#) emulators. The ZX Spectrum 128 can be emulated with the [ZX-Live](#), [ASp](#) or [CBSpeccy](#) emulators. The ZX Spectrum +2 can be emulated with the [ASp](#) emulator.

MSX

The MSX and the MSX2 can be emulated with the [AmiMSX](#) or [fMSX](#) emulators. The MSX2+ and the MSX TurboR can be emulated with the [AmiMSX](#) emulator.

Amstrad CPC

The Amstrad CPC464 and the Amstrad CPC664 can be emulated with the [A-CPC](#), [EmuCPC](#) or [CPE](#) emulators. The Amstrad CPC6128 can be emulated with the [A-CPC](#), [EmuCPC](#), [CPE](#) or [AMI-CPC](#) emulators. The Amstrad 464plus and the Amstrad 6128plus can be emulated with the [A-CPC](#) emulator.

TRS-80

The TRS-80 Model I can be emulated with the [AmiTRS80](#) emulator. The TRS-80 Model III can be emulated with the [TRS-80 Model 3](#) emulator. The TRS-80 Color Computer (Tandy CoCo) 2, the Dragon

32 and the Dragon 64 can be emulated with the [DREaM](#) emulator.

BBC Micro

The BBC Micro Model B can be emulated with the [ABeeb](#) emulator.

MicroBee

The MicroBee can be emulated with the [uBee512](#) emulator.

Oric

The Oric-1 and the Oric Atmos can be emulated with the [Amoric](#) emulator.

ABC 80

The ABC 80 can be emulated with the [YAAE](#) emulator.

Texas Instruments TI-99/4A

The Texas Instruments TI-99/4A can be emulated with the [TI4Amiga](#) emulator.

You are here: [start](#) » [software_library](#) » [emulation](#) » [computers](#)

¹⁾, ²⁾, ³⁾ Assumed to be a 68060 processor clocked at 75 MHz, which is the fastest 68k-compatible CPU (with the exception of the 68080 on the Vampire).

From: <https://www.apollo-accelerators.com/wiki/> - **Apollo Accelerators**

Permanent link: https://www.apollo-accelerators.com/wiki/doku.php/software_library:emulation:computers

Last update: **2020/09/08 23:59**

