

Hardware Requirements for The Cricket Analyst

The Cricket Analyst runs on Windows PCs, on versions of Windows in current support by Microsoft. We recommend the latest release of Windows 11, as this provides the best support for the latest hardware and media formats.

The software runs as a desktop application on 64-bit (x64 or ARM64) editions of Windows. It is not supported on earlier versions of Windows, will not run when using Windows in S Mode, and is neither offered nor licenced for use under VMWare, Parallels, Remote Desktop or other virtual or remote environments.

The recommended minimum hardware specifications for The Cricket Analyst are:

CPU:	2.0+ GHz processor, 4+ cores recommended
Memory:	8GB+ RAM
Video:	1GB+ DirectX 12 compliant display adapter, discrete GPU recommended
Screen:	15+ inch widescreen display, at least 1280x1024 pixels at 96 DPI and 100% scaling
Storage:	500+ GB SSD internal performance hard drive
Ports:	At least 2 USB ports, USB 3.0+ recommended
Network:	Integrated Gigabit Ethernet or high speed WiFi
Battery:	Largest capacity available without requiring an additional battery pack

For digitizing vision (typically during live capture), you will require a UVC-compliant video capture device, for example:

- Magewell (<https://www.magewell.com/capture/usb-capture>), or
- Yuan (<https://www.yuan.com.tw/product-info/12>)

The faster the CPU and storage, the more memory and the larger the screen, the better will be the performance and user experience. Watching video across multiple matches, arbitrary navigation within video files and similar tasks are high intensity operations which benefit from more powerful hardware.

The Cricket Analyst relies on prerequisite software such as Microsoft's .NET Desktop Runtime to run correctly. These prerequisites must be installed prior to installing or running The Cricket Analyst. The current list of prerequisite software is available on the Fair Play website, as is the latest version of this document.

Video playback and transcoding features of The Cricket Analyst rely on operating system technologies such as DirectShow and Windows Media Foundation. The design of these Windows subsystems means that the installation of third-party codecs or applications can interfere with the ability of The Cricket Analyst to work with video. For best reliability we recommend maintaining a “clean” environment, avoiding the installation of any third party codecs or applications that work with video.