



Components	Standard Configuration	Advanced Configuration	Best Configuration
Processors	Intel Core 2 Duo 2.16 Ghz	Intel I5 - 750+	Intel I7 - 860+
RAM memory (GB)	2 GB (32 bit - OS)	4GB (32/64 bit)	8 GB (64 bit OS)
Video Card (MB)	512 MB	1 GB	2GB
Hard Drive (GB)	250 GB	500 GB	1 TB
Screen Resolutions	1024x768	1600 x 1200	1920 x 1200 or higher
Screen Sizes	17"	19"	24" or higher
Operating Systems	Win XP / Vista / 7 / 8 / 10	Win XP / Vista / 7 / 8 / 10	Win XP / Vista / 7 / 8 / 10

**Processors:** ARTCLIP-3D needs a good CPU to run smoothly. We recommend getting the fastest processor you can afford so your hardware stays compatible with the software enhancements as long as possible. Intel is highly recommended, but ARTCLIP-3D will also work with AMD and others CPU running Windows environments. \*Quad cores, Core Duo, Multi Threads are recognized, however ARTCLIP-3D will only use one of the core while running.

**RAM:** Memory is also a very important factor. Most computer configurations offer the base 1 GB with Windows XP, 3 GB with Vista 32 bit. Upgrading the size of your RAM will allow speeding up your applications and to improve the display response with the help of a dedicated video card. No real need to go beyond 2 Gigs of RAM for 32 bit environment but if it is cheap while building your computer you can load it up to 4GB, upgrading beyond can be a good idea especially if you are running a 64 bit operating system.

**Operating Systems:** Windows XP Home, Media, Professional Editions SP3 are recommended, as well as Windows Vista, Home Premium, Business (Pro), and Ultimate version all as 32 bit and 64 bit. Windows 7 is also recommended since most of the latest developments have been done under this OS. Compatible as well with Windows 8, 8.1 and 10. Windows 95, Windows 98, Windows Millennium, Windows 2000 Professional will not be supported.

**Video Cards:** This is one of the most important hardware components to create 3D designs in ARTCLIP-3D. Open GL format is used to display 3D pixels. The sharpness and speed of the display will depend on the video card memory size. ARTCLIP-3D works with any video card running the open GL system graphics. N-Vidia is recommended, but AMD/ATI is also a possible choice. We recommend a minimum of 512MB, but consider 768MB or higher since video cards are getting more affordable nowadays with more RAM embedded.

**Screen Resolutions:** Depending on your personal preferences you can work with a screen resolution of 1024 x 768 (XVGA), 1600x1200 (UXGA) or even higher, but the size of your icons will start to get very small. We recommend 1024 x 768 (XGA) as a minimum to operate easily. ARTCLIP- 3D can dock your tools wherever you want them, so you can adjust your own environment. The widest the screen is the more convivial it will be on the long run.

**Flat LCD Panel Monitors:** Because of their size they allow an optimization of your desk space. It is important that the LCD screen can read the output resolution of your Video Card. However, some LCD will not recognize all the display format options and will oblige you to work in a resolution that does not fit your needs. Prefer flat screen nowadays they are really affordable and durable.

**Laptop Displays:** We recommend getting a 14 inches screen size or at least the XVGA display capability. We have very good results with UXGA 15 inches screen size, but bigger 16/9 screen work as well such as 17" WUXGA and higher.

**Acronym Resolution Comments:** SVGA 800x600 - XGA 1024x768 - WXGA 1280x800 - SXGA 1280x1024 - SXGA+ 1400x1050 -WXGA+ 1440x900 - UXGA 1600x1200 - WSXGA+ 1680x1050 - WUXGA 1920x1200