2020 Fusion Software

Hardware Recommendations (Windows-Based PCs)

5th March 2019

Introduction

This document details the recommended hardware suitable for running all currently supported versions of the 2020 Fusion software on Windows-based PCs.

2020 maintains a policy of making recommendations which generally reflect the type of hardware which is readily available to consumers in the marketplace. Please note that the following are not minimum requirements, but it should be expected that a reduced performance/user experience is likely when using equipment with a lower specification than that which is stated below.

By the same token, these recommendations need not be regarded as an optimum specification. Should a customer's budget permit, there is no reason why higher specification hardware should not be considered by users of 2020 Fusion for an even better performance.

Key Notes

These latest recommendations includes guidance regarding the use of a dedicated graphics card, which has a direct impact on the performance of 2020 Fusion's 'Wireframe', 'White Fill', 'Colour Fill' and 'Draft' renders, as well as upon the performance of the application's item previews, navigation render and covering (tiling) render.

These recommendations also reflect the fact that any system using integrated graphics chipsets and drivers (such as Intel HD Graphics) is not regarded as a supported environment for using 2020 Fusion.

Only systems using dedicated graphics cards, supporting **Microsoft DirectX 11**, are suitable for running 2020 Fusion. Specific examples of such graphics cards are described in an appendix to this document.

Finally, customers should also note that 2020 Fusion is only available as a 64-bit application and as, as such, would not operate on hardware that is only 32-bit capable.

Recommended Hardware

The following recommendations are made to our customers for use with the currently supported versions of the 2020 Fusion software (presently Version 6).

Please note that all guidance is subject to regular review and potential change by 20-20 Technologies Ltd in full accordance with the lifecycle policy for the 2020 Fusion application.

	RECOMMENDED FOR 2020 FUSION (ALL SUPPORTED VERSIONS)
PROCESSOR	**INTEL** i5 (7th generation), or greater. *Note: The currently supported versions of 2020 Fusion have been specifically optimised and tested to operate using processors with support for SSE, AVX, AVX2, or AVX-512. The application will still function using processors not supporting the above, but these are untested and users should expect increased render times (still with the same quality levels) when applying the 'Presentation' and 'Presentation Plus' and 'Publish' renders.*
MEMORY	8GB RAM, or greater.
HARD DRIVE	500GB HDD (7200 RPM Desktop, 5400 RPM Mobile), or greater. *or* 128GB SSD, or greater. *Note: a typical 2020 Fusion installation, inclusive of application, a selection of catalogues and a customer database, would require in the region of 7-8GB of disk space. However, if **ALL** available catalogues are installed, then up to 30GB of disk space would be required.*
GRAPHICS	A dedicated 2GB Graphics Card, or greater, supporting Microsoft DirectX 11, with its latest driver installed. Supported providers: **NVIDIA** *(preferred)* and **AMD** For details of specifically recommended series/models, please refer to the 'Graphics Card Appendix'. *Note: For users working with a high-resolution screen (i.e. at a resolution greater than 1920 x 1080), a dedicated **4GB** Graphics Card is recommended.*
MONITOR	1920 x 1080 Screen Resolution, or greater.
INTERNET	2MB Broadband, or greater.
NETWORK CARD	On board 100 or 1000 Mbps LAN, or greater.
USB	A free USB port ('Standard Type A') must be available to connect the 2020 Fusion license ('Dongle').
OPERATING SYSTEM	Please refer to the separate 'Supported Operating Systems' document.