



**Updated: July 2026**

# **System Requirements**

## **Minimum System Requirements:**

- Processor: Intel® Core™ i5 (6<sup>th</sup> generation) 2.3 GHz base speed or better
- L3 Cache: 6 MB
- RAM: 4 GB DDR3 (8 GB for Multi Family Design)
- Graphics: 1080p (Full HD)
- Mouse: Scroll Mouse
- Storage: 50 GB free storage (average 6,000–8,000 jobs)
- Supported Operating Systems: Microsoft® Windows® 11 64-bit

### **Notes:**

- The software only supports the English language version of Windows.
- During installation, maintaining an existing instance can require more space due to use of temporary files. We suggest increasing free storage space on your system if you are having difficulty upgrading your instance.

## **Recommended System Requirements:**

- Processor: Intel® Core™ Ultra 9 - 2.7 Ghz base speed or better
- L3 Cache: 24 MB or more
- RAM: 32 GB DDR5 or better
- Graphics: 2400p (4K) 8 GB VRAM dedicated graphics card or better
- Mouse: Optical Mouse w/scroll wheel
- Storage: 100 GB free storage (average 12,000+ jobs)

**Note:** Testing has determined that meeting or exceeding these recommended system requirements will provide the designer with improved software performance across a broad range of file sizes.

## **SQL Server**

A minimum of SQL Server 2014 is required. If SQL Server 2014 or newer exists on the user's computer, it will be used for the Javelin database. When no valid version of SQL exists, SQL Server 2019 will be installed.

## **Microsoft Excel**

A minimum of Excel 2007 is required for the Export to Excel function. Microsoft Excel is not installed with the Javelin software.

## Tips on Buying a New Computer:

When considering a new computer system to run Javelin® software, here are some points:

1. **Processor:** Processors have the biggest overall impact on the performance of Javelin software. Select the best processor you can afford with the highest shared cache, fastest clock speed, most integrated memory, and highest available core count.
2. **RAM:** Buy the most RAM you can afford which is compatible with your processor. This is typically the cheapest option to increase hardware performance.
3. **Graphics:** Avoid integrated graphics for Javelin or any CAD application. Select a professional graphics card intended for use with CAD applications or gaming. High-end graphics cards may be a worthwhile investment for a designer who regularly works on large custom homes, multi-family and light commercial projects to improve “Plan View” navigation performance.
4. **Hard Drive:** Hard drive upgrades may help reduce the time to load or save a job but provide little overall improvement to Javelin software performance for most users.

## Javelin Program Settings Which May Affect Performance

**Undo – Redo Level:** Changing this setting to “Off” can reduce memory usage as well as speed up performance. For example, turning off Undo-Redo during plot cleanup allows each label and hex move operation to complete sooner because an undo save is not performed with the move of each label or hex. However, when operating without the Undo safety net you may have to do quite a bit of rework if you accidentally make an unwanted change.

**Save Preferences\Auto Save:** Auto Save can make some operations take much longer than expected. Turning off Auto Save or increasing the Auto Save interval can reduce the amount of time you wait for an auto save to complete. The downside to these adjustments is that you may lose work if you forget to periodically perform a manual save.

### View and Selection:

- a. **Dialog Settings:** Changing this setting to “Always” can make the system seem slower as you are waiting for dialogs to display and close.
- b. **System\Prevent Label Collisions:** Setting this to “Yes” can cause dramatic slowdowns. Never turn this on with large jobs.

**Warnings and Messages:** Choosing to show all messages can make the system appear slower as you are waiting for message dialogs to open and close. Customizing warnings to only display messages you want to see can improve perceived performance.

**Walls\Wall Update\Auto Renumber:** Setting this to “Yes” can have a negative impact on performance.

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