

That CAD Girl

Frequently Asked Questions

What are the system requirements to run MicroSurvey software?

This is a running list of the minimum system requirements for the current release of each **MicroSurvey** desktop program. We update it as MicroSurvey releases new versions. Last updated October 2026.

Good news: MicroSurvey CAD runs on fairly light-duty machines. If you're running inCAD on top of AutoCAD or Civil 3D, or using embeddedCAD (which runs on an embedded AutoCAD engine), plan your computer around **Autodesk** (AutoCAD 2027 specifications). If you're running SurveyTools on top of **BricsCAD**, check the requirements for your BricsCAD version.

All MicroSurvey desktop programs need full administrator rights to install and must be run once with "Run as administrator." After that, limited user accounts can run them. Programs licensed with a USB License Key need a free USB port on the workstation or on the network license server.

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MicroSurvey CAD

As of October 7, 2026, these are the requirements.

MicroSurvey CAD 2027 (version 27.0.3.9964, released July 29, 2026)

- Windows 11 64-bit
- A free USB port for the USB License Key
- The Ultimate and Studio editions need Leica Cyclone Viewer (free download from Leica) at a minimum to work with point clouds
- Built on the IntelliCAD 14.1 engine

Minimum hardware:

- Intel Pentium 4 or comparable x64 processor
- 4 GB RAM
- 10 GB of free disk space
- 1024 x 768 or higher resolution
- Graphics card compatible with OpenGL 1.4 or higher

Recommended (and the minimum MicroSurvey suggests for surface, animation and point cloud work):

- Intel Core i5-8500 3.00 GHz or newer
- 8 to 16 GB RAM
- 10 GB of free disk space
- 1024 x 768 or higher resolution with a graphics driver that supports OpenGL ES
- NVIDIA GeForce GTX 1050 or newer, with dedicated graphics memory

Notes: the processor must be x64. ARM processors (such as some Snapdragon chips) are not supported. If you use NVIDIA custom profiles, see MicroSurvey's article on restoring the defaults.

MicroSurvey help desk:

- MicroSurvey CAD 2027 Release Notes
- MicroSurvey CAD System Requirements

MicroSurvey embeddedCAD

As of October 7, 2026, these are the requirements.

embeddedCAD 2027 (version 27.0.2.9991, released July 28, 2026)

- Windows 11 64-bit
- A free USB port for the USB License Key
- Runs on the embedded AutoCAD OEM 2027 engine, so plan hardware around AutoCAD 2027's requirements

MicroSurvey help desk:

- MicroSurvey embeddedCAD 2027 Release Notes

MicroSurvey inCAD

As of October 7, 2026, these are the requirements.

inCAD 2027 (version 27.0.2.10036, released July 28, 2026, subscription only)

- Windows 11 64-bit
- Requires a separately licensed copy of AutoCAD 2027, Civil 3D 2027 or Map 3D 2027 (not AutoCAD LT)
- Hardware: follow Autodesk's requirements for your AutoCAD product

MicroSurvey help desk:

- [MicroSurvey inCAD 2027 Release Notes](#)

SurveyTools for BricsCAD

As of October 7, 2026, these are the requirements.

SurveyTools for BricsCAD V26 (version 26.0.2.9121, released February 17, 2026)

- Windows 11 64-bit
- Requires the latest version of BricsCAD V26 to be installed first
- Hardware: follow the BricsCAD V26 requirements

MicroSurvey help desk:

- [SurveyTools for BricsCAD V26 Release Notes](#)

MicroSurvey STAR*NET

As of October 7, 2026, these are the requirements.

STAR*NET 14 (released February 19, 2026)

- Windows 10 or Windows 11 64-bit
- A free USB port for the USB License Key
- New “No Graphics” mode lets STAR*NET run on virtual machines or servers without a dedicated graphics card

MicroSurvey help desk:

- [MicroSurvey STAR*NET 14 Release Notes](#)

Need an older version? See [MicroSurvey's Release History and Download Links](#).

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