# System Requirements for ARCHIBUS

| Database Server Requirements | Application Server Requirements |
|---|---|
| <ul><li>Virtual servers are supported</li><li>RAM 4GB min 8GB recommended</li><li>Multi-core CPU 2+ cores preferred</li><li>Average DB size ~2GB</li><li>Microsoft SQL Server 2012, 2014, 2016, 2017, 2019</li></ul> | <ul><li>Virtual servers are supported</li><li>RAM 8GB</li><li>Multi-core CPU 4 cores preferred</li><li>Windows Server 2008r2 - 2019</li></ul> |

## Client System Requirements for Archibus

### Web Browsers

The following desktop browsers are supported:

- Mozilla Firefox
- Google Chrome
- Microsoft Edge, including the new Edge

**Note**: ARCHIBUS tests Web Central on the most recent versions of Firefox, Edge, and Chrome available at the time of release. Characteristics of versions released later may vary.

Additionally, you need:

- a screen resolution of 1280x1024 is recommended for administrative stations on which users mostly view forms and simple reports.
- a screen resolution of 1600x900 is recommended for professional workstations on which users typically view dashboard views, floor plan drawings, maps, and multiple types of data at one time.

### Smart Client Workstation Requirements

Workstations using the ARCHIBUS Smart Client will need one of these operating systems:

- Windows 10, Desktop or Surface version, using the Desktop UI (not the Metro UI)

**Note**: Microsoft has a continuous release strategy for Windows 10. Archibus tests Web Central on the most recent versions available at the time of release. Characteristics of versions released later may vary.

The Smart Client requires .Net Framework V.4.0 or 4.5.

The Smart Client requires these hardware items:

- 2 GB RAM (minimum)
- Resolution of 1024x768 (recommended 1600x900 or higher for CAD and BIM workstations)
- For the Full Install: 500MB free hard disk space
- For the Client-Only Install: 100MB free hard disk space

**Note**: As listed above, the minimum requirement is 2 GB of RAM; however, Archibus recommends at least 8 GB of RAM for the full installation because the system installs 64-bit versions of the database and of the application server. Additionally, the full installation has default memory settings designed to speed work with large drawings, long paginated-reports, and data-intensive transfers and workflow rules.

## CAD Workstation Requirements

These versions of Autodesk products are supported:

- AutoCAD or Autodesk Architecture 2015, 2016, 2017, 2018, 2019, 2020, 2021
- Autodesk Revit or Autodesk Revit MEP 2015, 2016, 2017, 2018, 2019, 2020, 2021

You use the Smart Client Extensions for AutoCAD or Revit on 64-bit workstation.

Workstations using AutoCAD, Revit, or Autodesk Architecture may have additional hardware requirements. Please refer to your Autodesk product documentation.

**Note:** Archibus does not run with AutoCAD LT. As of V.24.1, Archibus, Inc. no longer distributes the AutoCAD Smart Client DWG Editor.

| System requirements for AutoCAD 2021 including Specialized Toolsets (Windows) | |
|---|---|
| **Operating System** | 64-bit OS that follows Autodesk's Product Support Lifecycle policy. |
| **Processor** | **Basic**: 2.5–2.9 GHz processor<br>**Recommended**: 3+ GHz processor<br>Multiple processors: Supported by the application |
| **Memory** | **Basic**: 8 GB<br>**Recommended**: 16 GB |
| **Display Resolution** | **Conventional Displays:**<br>1920 x 1080 with True Color<br><br>**High Resolution & 4K Displays:**<br>Resolutions up to 3840 x 2160 supported on Windows 10, 64-bit systems (with capable display card) |
| **Display Card** | **Basic**: 1 GB GPU with 29 GB/s Bandwidth and DirectX 11 compliant<br>**Recommended**: 4 GB GPU with 106 GB/s Bandwidth and DirectX 11 compliant |
| **Disk Space** | 7.0 GB |