Controller System Requirements

Getting Started

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The Alexandria v7 Server (Data Station) is cross-platform and available for both Macintosh and Windows operating systems. Interfaces are accessible via HTML5-compliant web browsers (Chrome, Edge, Firefox, and Safari) on computers, mobile devices, laptops, and tablets, such as Apple's iPad, Google's Chromebook, etc.

If your server is Cloud Hosting with COMPanion, the only requirement is a supported web browser, as documented below.

The general rule is that we support the 3 most recent macOS and Windows operating systems for the Data Station with the specific systems documented below.

Alexandria® Data Stations & Controllers:

- macOS 10.11, 10.12 +
- Windows 10, Server 2016
- 40 GB free space on system drive
- X64 4 or more Multi-Core/Processor*
- Variable RAM (see recommendations below)

RAM Recommendations for 1-30 Site systems

- 1- 5 Sites: 8 GB or more
- 6-20 Sites: 12 GB or more
- 21-30+ Sites: 16 GB or more

> ✅ For configurations managing more than 30 Sites, contact the COMPanion Sales Department at 1-800-347-6439 for specific recommendations. Additional memory will often improve performance from OS caching.

COMPanion recommends using Solid State Drives (SSDs) for the OS and Data on all Controllers and Data Stations. Database applications such as Alexandria are disk-intensive and performance can be greatly enhanced with solid state drives. For additional safety, configure a matched pair of SSDs as Mirrored RAID drives.

As with all important systems, don't let the primary drive space run out, or data corruption and loss of service may occur. We get nervous when there is less than 40GB of free space on our systems.

A separate drive is useful for Archives, because it saves space on the SSD for more important tasks.

The Alexandria Data Station does not have an UI and can be run as a Service on both macOS and Windows operating systems. You must use a web browser to manage and use the server.

Controller Communications

The Alexandria Controller requires TCP/IP to communicate between hosted Data Stations and their clients.

> ⚠️ The Alexandria Controller and the Data Stations it manages *can not* be dynamically allocated and *must* share a fixed TCP/IP address.

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PDF Viewer

By default, labels, reports, and notices are generated in PDF format. We recommend using the *most current* version of Preview (macOS) or Adobe Reader as your default PDF viewer.

Screen Resolution

We support a minimum screen resolution of 1024 x 768 for all interfaces. Some interfaces support dynamically sized resolutions for Phones, Tablets, Laptops and Desktop systems which are smaller or larger than the minimum.

Web Browsers

Alexandria supports the two most recent versions of the following browsers:

- Chrome
- Edge
- Firefox
- Safari

⊗ **No Support for Virtual Machines**

We do not provide support to run Alexandria on a virtual machine. Alexandria is a highly sophisticated database application that should be run on a dedicated server to optimize performance. While you can run it on a virtual machine, we don't recommend it. The resource-intensive nature of a controller's workload can place a significant strain on an inefficient VM, leading to challenges we will not be able to troubleshoot or diagnose.