General Requirements:

- Operating Systems: Windows 10, 11, Windows Server 2012, 2012 R2, 2016, 2019, 2022
- It is strongly recommended to use a separate server for Daminion or at least a separate SSD disk for the server and thumbnails.
- Ethernet speed of 1 Gigabit (recommended 10 Gigabit)

Minimum System Requirements (Default Settings):

- Processor: 3 gigahertz (GHz) or faster with eight or more cores
- Memory: 16 gigabytes (GB) or greater

Additional System Requirements Depending on Activated Features:

1. Video Preview Generation and Face Recognition:

- Processor: 3 gigahertz (GHz) or faster with twelve or more cores
- Memory: 32 gigabytes (GB) or greater

2. 3D Extension:

- For optimal speed, a video card with OpenCL or Vulkan support is required, or a processor with 12 cores or more.

Note: If you have multiple catalogs and some of them contain a large number of files (e.g., 1 million files), we recommend using server solutions such as Intel Xeon and AMD Threadripper for optimal performance.

Calculating Required Storage Space.

When you import a file, the following types of previews are generated:

Thumbnails

- Large (450×450): Approximately 50-100KB
- Medium (200×200): 10-20KB
- Small (180×180): 10-15KB

~150GB of thumbnail storage space is required for 1 million files.

Mid-size Preview

- Additional 300-400KB of storage space per file to store JPEG mid-sized previews of 2000×2000.

For 1 million files, approximately 300-400GB of additional storage space is required in this case.

Accelerated Preview for Large File Formats

- 1-5MB of additional storage space required for each large file.

For 10,000 large files, approximately 10-50GB of additional storage space is needed to store JPEG previews.

Generation of MP4 Preview for Video Files

- An additional 10-20% of the total size of imported video files is required.

For 1TB of video files, approximately 200GB of additional storage space is needed for MP4 video previews (to enable video previews in the web client).

Daminion Client Requirements:

- Windows: Windows 10, Windows Server 2012, or higher
- Mac OS: Via Web-client or Desktop-client through Parallels Desktop or VMWare Fusion
- Processor: 3 gigahertz (GHz) or faster with four or more cores

- 8GB of RAM or higher
- 400MB of disk space (additional space required for temporary files)

Daminion Web-Client Requirements:

- Operating Systems: Windows, Mac OS, Linux, iOS, Android
- Browsers: Chrome, Firefox, Safari, Edge, Opera