

# System Requirements for Data Loader

## Introduction

This page details system requirements that apply to Jitterbit Cloud Data Loader.

**NOTE:** Jitterbit Cloud Data Loader versions 8.16.13.1 and higher are compatible with TLS 1.2 and are backward compatible with TLS 1.0 and TLS 1.1.

## Prerequisites

### Windows

These are required for Jitterbit Cloud Data Loader installation on a Windows system:

- **Windows updates:** Install all Windows security and "critical" updates prior to installing or upgrading Jitterbit Cloud Data Loader. There are known Microsoft issues when installing on systems that don't have the latest updates (e.g. [KB2966870](#) and [KB3140245](#)).
- **NTFS:** The install partition must be NTFS-formatted.
- **Compression:** It is not recommended to use Windows compression on the Jitterbit folder or temp folder on the machine where Jitterbit is installed and running because of the I/O involved by the nature of an integration application. Using Windows compression may drastically slow down processing of Jitterbit operations/transformations.

### macOS

These are required for Jitterbit Cloud Data Loader installation on a macOS system:

- **macOS updates:** Install all macOS security and "critical" updates prior to installing or upgrading Jitterbit Cloud Data Loader.

## Operating System Requirements

Jitterbit recommends these operating system specifications for Jitterbit Cloud Data Loader.

**NOTE:** Jitterbit automatically installs the required Java Runtime Environment 8.x specifically for Jitterbit to use so that it does not conflict with other Java installations that may already be installed.

### Windows

Jitterbit Cloud Data Loader is supported for these Windows versions:

- Windows 8, 8.1
- Windows 10

A 64-bit OS is required.

### macOS

Jitterbit Cloud Data Loader is supported for these macOS versions:

- Apple macOS computer running macOS 10.8.3 to macOS 10.14.

**NOTE:** The Data Loader 8.16.13.1 installer originally released December 20, 2016 was not compatible with macOS 10.14 "Mojave". A new 8.16.13.1\_1 installer that fixes this issue is available as of June 27, 2019 on the [Downloads](#) page of the [Harmony Portal](#).

**WARNING:** Jitterbit Cloud Data Loader version 8.16.13.1, as it is a 32-bit application, is incompatible with and will not run on macOS 10.15 "Catalina", which requires all applications to be 64-bit. You can use a virtual machine to run a pre-"Catalina" version of the macOS or a version of the Windows OS that supports the current Data Loader version.

### On This Page

- [Introduction](#)
- [Prerequisites](#)
  - [Windows](#)
  - [macOS](#)
- [Operating System Requirements](#)
  - [Windows](#)
  - [macOS](#)
- [Hardware Requirements](#)

### Related Articles

- [System Requirements](#)

### Related Topics

- [Data Loader](#)
- [Getting Started](#)

Last updated: Feb 11, 2020

## Hardware Requirements

These are the minimum requirements for hardware and virtual machines for Jitterbit Cloud Data Loader:

- Quad-core processor
- 8 GB RAM
- 50 GB hard drive space free

**i NOTE:** This includes space for the software, parallel processing, and temporary storage, which can grow quite large while running an operation.

- Minimum of 50 megabytes/second transfer rate on the hard drive
- High-speed Internet connection
- Either direct hardware installation, or installation on a virtual machine from VMWare, VirtualBox, Amazon AWS, or Rackspace that is configured for the specific versions outlined above
- Optimal configuration of the system and overall environment

**! WARNING:** If not optimally configured, sporadic and unpredictable problems can result from poor disk IO, limited/out of memory, limited/out of disk space, power failures, and/or abrupt system restarts.

