



Autodesk 2011 Product Line

System Requirements

Autodesk 2011 Product Line.....	1
System Requirements.....	1
Autodesk Inventor 2011 family of products	2
System Requirements	2
Windows Users:	2
For Macintosh Users	3
AutoCAD Mechanical 2011	5
System Requirements	5
32-bit AutoCAD Mechanical	5
64-bit AutoCAD Mechanical	5
Additional System Requirements for 3D Modeling.....	5
AutoCAD Electrical 2011	6
System Requirements	6
32-bit AutoCAD Electrical	6
64-bit AutoCAD Electrical	6
Additional System Requirements for 3D Modeling.....	6
Autodesk Vault 2011 Products.....	7
System Requirements	7
Vault Client Requirements	7
Vault Server Requirements.....	7
Supported Databases.....	7
Browser.....	8
CPU Type	8
Memory.....	8
Hard Disk	9
Autodesk Showcase 2011	10
System Requirements	10
Hardware Configurations for Autodesk Showcase 2011	10
Minimum / Laptop	10
Recommended.....	10
Supported NVIDIA Graphics Cards	10
Operating System.....	10
Qualified Hardware.....	10
Autodesk Alias Products 2011	11
System Requirements	11

Autodraft, Inc. dba Adraft

email: info@adraft.com

www.adraft.com

ADRAFT, AN AUTODRAFT, INC. COMPANY

Rochester Office:

2815 Baird Road
Fairport, NY 14450-1244
Phone: (585) 389-1900
Fax: (585) 389-0953

Buffalo Office:

8201 Main Street, Suite 3
Williamsville, NY 14221
Phone: (866) 769-6163
Fax: (585) 389-0953

Syracuse Office:

126 Dwight Park Circle
Syracuse, NY 13209
Phone: (866) 769-6163
Fax: (585) 389-0953



Autodesk Inventor 2011 family of products

System Requirements

The following requirements are recommended for effective use of Autodesk® Inventor™ 2011 software.

Windows Users:

For general part and assembly design (typically fewer than 1,000 parts):

Operating System

- Microsoft® Windows 7 (32-bit or 64-bit) Home Premium, Professional, Ultimate/Enterprise, or Microsoft® Windows Vista® (SP2) (32-bit or 64-bit) Home Basic, Home Premium, Business, Enterprise, or Ultimate, or Microsoft® Windows XP Professional (SP3) or Professional x64 Edition (SP2) (1,2)

Processor

- Intel® Pentium® 4, 2 GHz or faster, Intel® Xeon®, Intel® Core™, AMD Athlon™ 64, or AMD Opteron™, or later ⁽³⁾

Minimum System Requirements (<1,000 Parts)

- 2 GB RAM or more ⁽⁴⁾
- Microsoft® Direct3D 10® or Direct3D 9® capable graphics card ⁽⁵⁾
- DVD-ROM drive ⁽⁶⁾
- Microsoft® Mouse-compliant pointing device
- 1280 x 1024 or higher screen resolution
- Internet connection for web downloads and Subscription Aware access
- Adobe Flash Player 10 ⁽⁷⁾
- Microsoft® Internet Explorer® 6.x through 8
- Microsoft® Excel 2003 through 2007 for iComponents, thread customization, and spreadsheet-driven designs

For complex models and large assemblies (typically more than 1,000 parts):

- Windows 7 64-bit, Windows Vista 64-bit (SP2), or Windows XP Professional x64 Edition (SP2)
- AMD64 or Intel® 64 processor
- 6 GB RAM or more
- CAD workstation-class graphics card

Autodraft, Inc. dba Adraft

email: info@adraft.com
www.adraft.com

ADRAFT, AN AUTODRAFT, INC. COMPANY

Rochester Office:

2815 Baird Road
Fairport, NY 14450-1244
Phone: (585) 389-1900
Fax: (585) 389-0953

Buffalo Office:

8201 Main Street, Suite 3
Williamsville, NY 14221
Phone: (866) 769-6163
Fax: (585) 389-0953

Syracuse Office:

126 Dwight Park Circle
Syracuse, NY 13209
Phone: (866) 769-6163
Fax: (585) 389-0953



For Macintosh Users

Boot Camp

You can install Autodesk® Inventor® Professional software on a Mac® computer on a Windows partition. The system must use Boot Camp® to manage a dual OS configuration and meet the minimum system requirements.

- Mac OS® X 10.5.x
- Boot Camp V 2.0 or higher
- Intel-based Mac (64-bit Windows Vista requires an Intel Core™2 duo or Xeon processor)
- 3 GB RAM (Recommend 4 GB for 32-bit Windows OS, 8 GB or more for 64-bit Windows OS)
- 20 GB disk space for Apple OS partition or Windows OS partition

Mac Virtualization on Parallels Desktop

Autodesk Inventor Professional can be used on the Mac via Parallels Desktop for Mac without having to boot directly into the Windows OS, so it is easy to switch between platforms. The system must meet the following requirements:

- Mac OS X 10.5.x
- Parallels Desktop 4.0 (4.0.3844 or higher) or Desktop 5.0
- Intel based Mac (64-bit Windows Vista requires an Intel Core 2 duo or Xeon processor)
- Minimum 4 GB RAM (6 GB system memory for 32-bit Windows OS, 8 GB or more for 64-bit Windows OS recommended)
- Minimum 40 GB available disk space (100 GB recommended)

For more details, please read the [Inventor for Mac FAQ](#).

Autodraft, Inc. dba Adraft

email: info@adraft.com
www.adraft.com

ADRAFT, AN AUTODRAFT, INC. COMPANY

Rochester Office:

2815 Baird Road
Fairport, NY 14450-1244
Phone: (585) 389-1900
Fax: (585) 389-0953

Buffalo Office:

8201 Main Street, Suite 3
Williamsville, NY 14221
Phone: (866) 769-6163
Fax: (585) 389-0953

Syracuse Office:

126 Dwight Park Circle
Syracuse, NY 13209
Phone: (866) 769-6163
Fax: (585) 389-0953



Notes

1. Autodesk® Inventor® 2011 and AutoCAD® Mechanical 2011 software applications are each provided both as 32-bit applications and as 64-bit applications for installation and use on the corresponding operating system only. Autodesk® Vault Explorer 2011 is a 32-bit application for installation and use on either a 32-bit or 64-bit operating system.
2. Autodesk Inventor/AutoCAD Mechanical design applications and Autodesk Vault must all be the same language on a given computer. English versions of these applications will run on any language operating system. Other language versions of these applications will run on operating systems of that same language.
3. Autodesk Inventor 2011 has been optimized to take advantage of the SSE2 extended instruction sets supported on Pentium 4, AMD Athlon 64, and AMD Opteron processors. Inventor 2011 will not install on computers that do not support SSE2. Several utilities are available on the Internet that report CPUID, including supported instructions sets.
4. Recommended minimum RAM for using Inventor Tooling is 3 GB. In addition, Autodesk recommends settings which allow Microsoft Windows to manage virtual memory, as needed. You should always have at least twice as much free hard disk space as system memory (RAM).
5. Please refer to the [Autodesk published graphics card information](#).
6. Inventor 2011 is available only on DVD media (or electronic download in some situations). CD media is no longer available. A DVD-ROM drive is not required if installing via electronic download. However, you will need 15 GB of hard disk space to accommodate the installation files and temporary files created during the installation.
7. The multimedia learning components of the Inventor Help system, such as the UI Video Tour, Command Reference, and Show Me animations, require Adobe® Flash® Player 10. If it is not already installed, you can [download it from the Adobe website](#).

Autodraft, Inc. dba Adraft

email: info@adraft.com
www.adraft.com

ADRAFT, AN AUTODRAFT, INC. COMPANY

Rochester Office:

2815 Baird Road
Fairport, NY 14450-1244
Phone: (585) 389-1900
Fax: (585) 389-0953

Buffalo Office:

8201 Main Street, Suite 3
Williamsville, NY 14221
Phone: (866) 769-6163
Fax: (585) 389-0953

Syracuse Office:

126 Dwight Park Circle
Syracuse, NY 13209
Phone: (866) 769-6163
Fax: (585) 389-0953



AutoCAD Mechanical 2011

System Requirements

The following requirements apply to AutoCAD® Mechanical software. Additional system requirements are necessary to run the Autodesk® Vault server/client.

32-bit AutoCAD Mechanical

- Microsoft® Windows® 7, Microsoft® Windows Vista® SP1 or later, including Enterprise, Business, Ultimate, and Home Premium editions ([compare Windows Vista versions](#)), or Microsoft® Windows® XP Home and Professional (SP2 or later)
- Intel® Pentium® or AMD Athlon® dual-core processor, 1.6 GHz or higher with SSE2 technology for Windows XP; Intel Pentium 4 or AMD Athlon dual-core, 3.0 GHz or higher with SSE2 technology for Windows Vista
- 2 GB RAM
- 2.8 GB free disk space for installation (3.4 GB for a clean machine with no .NET installed)
- 1,280 x 1,024 with display with true color
- Microsoft® Internet Explorer® 7.0 or later
- Microsoft Mouse-compliant pointing device
- Download and installation from DVD

64-bit AutoCAD Mechanical

- Microsoft Windows 7, Microsoft Windows Vista (SP1 or later), including Enterprise, Business, Ultimate, and Home Premium editions ([compare Windows Vista versions](#)), or Microsoft Windows XP Professional x64 Edition SP2 and later
- AMD Athlon with SSE2 technology, AMD Opteron® with SSE2 technology, Intel® Xeon® with Intel EM64T support with SSE2 technology, or Intel Pentium 4 with Intel EM64T support with SSE2 technology
- 2 GB RAM
- 3.0 GB free disk space for installation (3.6 GB for a clean system with no .NET installed)
- 1,280 x 1,024 display with true color
- Microsoft Internet Explorer 7.0 or later
- Microsoft Mouse-compliant pointing device
- Download and Installation from DVD

Additional System Requirements for 3D Modeling

- Intel Pentium 4 processor or AMD Athlon, 3 GHz or greater, or Intel or AMD dual-core processor, 2 GHz or greater
- 2 GB RAM or greater
- 2 GB free hard disk available, not including installation
- 1,280 x 1,024 32-bit color video display adapter (true color) 128 MB or greater, Direct3D®-capable workstation-class graphics card

Autodraft, Inc. dba Adraft

email: info@adraft.com

www.adraft.com

ADRAFT, AN AUTODRAFT, INC. COMPANY

Rochester Office:

2815 Baird Road
Fairport, NY 14450-1244
Phone: (585) 389-1900
Fax: (585) 389-0953

Buffalo Office:

8201 Main Street, Suite 3
Williamsville, NY 14221
Phone: (866) 769-6163
Fax: (585) 389-0953

Syracuse Office:

126 Dwight Park Circle
Syracuse, NY 13209
Phone: (866) 769-6163
Fax: (585) 389-0953



AutoCAD Electrical 2011

System Requirements

The following recommendations apply to AutoCAD® Electrical software.

32-bit AutoCAD Electrical

- Microsoft® Windows® XP Home and Professional (SP2 or later), or Microsoft® Windows Vista® (SP1 or later) Enterprise, Business, Ultimate, and Home Premium editions, or Microsoft® Windows® 7 Enterprise, Business, Ultimate, and Home Premium editions ([compare Windows versions](#))
- Intel® Pentium® or AMD Athlon® dual-core processor, 1.6 GHz or higher with SSE2 technology for Windows XP, or Intel® Pentium® 4 or AMD Athlon dual-core, 3.0 GHz or higher with SSE2 technology for Windows Vista or Windows 7
- 2 GB RAM
- 4 GB free disk space for installation (5 GB for a clean machine with no .NET installed)
- 1,280 x 1,024 display with True Color
- Microsoft® Internet Explorer® 7.0 or later
- Microsoft Mouse-compliant pointing device
- Download and installation from DVD

64-bit AutoCAD Electrical

- Microsoft Windows XP Professional x64 Edition (SP2 and later), or Microsoft Windows Vista (SP1 or later) Enterprise, Business, Ultimate, and Home Premium editions, or Microsoft® Windows® 7 Enterprise, Business, Ultimate, and Home Premium editions ([compare Windows versions](#)) AMD Athlon with SSE2 technology, AMD Opteron® with SSE2 technology, Intel® Xeon® with Intel EM64T support with SSE2 technology, or Intel Pentium 4 with Intel EM64T support with SSE2 technology
- 2 GB RAM
- 4.5 GB free disk space for installation (5 GB for a clean system with no .NET installed)
- 1,280 x 1,024 display with True Color
- Microsoft Internet Explorer 7.0 or later
- Microsoft Mouse-compliant point device
- Download and Installation from DVD

Additional System Requirements for 3D Modeling

- Intel Pentium 4 processor or AMD Athlon, 3 GHz or greater, or Intel or AMD dual-core processor, 2 GHz or greater
- 2 GB RAM or greater
- 2 GB free hard disk available, not including installation
- 1,280 x 1,024 32-bit color video display adapter (True Color) 128 MB or greater, Direct3D®-capable workstation-class graphics card

Autodraft, Inc. dba Adraft

email: info@adraft.com

www.adraft.com

ADRAFT, AN AUTODRAFT, INC. COMPANY

Rochester Office:

2815 Baird Road
Fairport, NY 14450-1244
Phone: (585) 389-1900
Fax: (585) 389-0953

Buffalo Office:

8201 Main Street, Suite 3
Williamsville, NY 14221
Phone: (866) 769-6163
Fax: (585) 389-0953

Syracuse Office:

126 Dwight Park Circle
Syracuse, NY 13209
Phone: (866) 769-6163
Fax: (585) 389-0953



Autodesk Vault 2011 Products

The following recommendations apply to Autodesk Vault 2011 Products. (These requirements are in addition to any system requirements for individual applications.)

System Requirements

Vault Client Requirements

- Windows 7 (32-bit or 64-bit)
- Windows Vista (SP1 or later) (32-bit or 64-bit)
- Windows XP Professional (SP2 or later) (32-bit or 64-bit)

Vault Server Requirements

- Windows 7 (32-bit or 64-bit)
- Windows Vista (SP1 or later) (32-bit or 64-bit)
- Windows XP Professional (SP2 or later) (32-bit or 64-bit)
- Windows Server 2003, R2, SB, SB R2 (SP2) (32-bit or 64-bit)
- Windows Server 2008, R2, SB (SP2) (32-bit or 64-bit)

Supported Databases

Single Site Requirements

- Microsoft SQL Server 2005 Express Edition (SP3) (32-bit or 64-bit)
- Microsoft SQL Server 2005 Workgroup Edition (SP3) (32-bit or 64-bit)
- Microsoft SQL Server 2005 Standard Edition (SP3) (32-bit or 64-bit)
- Microsoft SQL Server 2005 Enterprise Edition (SP3) (32-bit or 64-bit)
- Microsoft SQL Server 2008 Standard Edition (SP1) x32 on Windows Server 2008 Standard x32
- Microsoft SQL Server 2008 Standard Edition (SP1) x64 on Windows Server 2008 Standard (SP2) x64
- Microsoft SQL Server 2008 Enterprise Edition (SP1) x32 on Windows Server 2008 Enterprise (SP2) x32
- Microsoft SQL Server 2008 Enterprise Edition (SP1) x64 on Windows Server 2008 Enterprise (SP2) x64

Replication Requirements

- Microsoft SQL Server 2005 Standard Edition (SP3) (32-bit or 64-bit)
- Microsoft SQL Server 2005 Enterprise Edition (SP3) (32-bit or 64-bit)
- Microsoft SQL Server 2008 Standard Edition (SP1) x32 on Windows Server 2008 Standard x32
- Microsoft SQL Server 2008 Standard Edition (SP1) x64 on Windows Server 2008 Standard (SP2) x64
- Microsoft SQL Server 2008 Enterprise Edition (SP1) x32 on Windows Server 2008 Enterprise (SP2) x32
- Microsoft SQL Server 2008 Enterprise Edition (SP1) x64 on Windows Server 2008 Enterprise (SP2) x64

Autodraft, Inc. dba Adraft

email: info@adraft.com

www.adraft.com

ADRAFT, AN AUTODRAFT, INC. COMPANY

Rochester Office:

2815 Baird Road
Fairport, NY 14450-1244
Phone: (585) 389-1900
Fax: (585) 389-0953

Buffalo Office:

8201 Main Street, Suite 3
Williamsville, NY 14221
Phone: (866) 769-6163
Fax: (585) 389-0953

Syracuse Office:

126 Dwight Park Circle
Syracuse, NY 13209
Phone: (866) 769-6163
Fax: (585) 389-0953



Browser

- Internet Explorer 7, 8
- Mozilla Firefox 3.5
- Apple Safari 4
- Google Chrome 3

CPU Type

Vault Client Requirements

- Intel Pentium 4 or AMD Athlon Processor, 1.6 GHz or higher (Minimum)
- Intel Pentium 4 or AMD Athlon Processor, 2 GHz or higher (Recommended)

Vault Server Requirements (Single Site)

- Intel Pentium 4 or AMD Athlon Processor, 2 GHz or higher (Minimum)
- Intel Pentium 4 or AMD 64-bit Dual Core Processor, 3 GHz or higher (Recommended)

Vault Server Requirements (Replication Requirements)

- Intel Pentium 4 or AMD Athlon Processor, 3 GHz or higher (Minimum)
- Intel Pentium 4 or AMD 64-bit Dual Core Processor, 3 GHz or higher (Recommended)

Memory

Vault Client Requirements

- 1 GB RAM (Minimum)
- 2 GB RAM (Recommended)

Vault Server Requirements

- 1 GB RAM (Minimum)
- 4 GB RAM (Recommended)

Vault Server (Remote Site for Multi-site Replication – ADMS Installation)

- 2 GB RAM (Minimum)
- 3 GB RAM (Recommended)

Vault Server (Full Replication – ADMS and SQL Installation)

- 4 GB RAM (Minimum)
- 8 GB RAM (Recommended)

Autodraft, Inc. dba Adraft

email: info@adraft.com

www.adraft.com

ADRAFT, AN AUTODRAFT, INC. COMPANY

Rochester Office:

2815 Baird Road
Fairport, NY 14450-1244
Phone: (585) 389-1900
Fax: (585) 389-0953

Buffalo Office:

8201 Main Street, Suite 3
Williamsville, NY 14221
Phone: (866) 769-6163
Fax: (585) 389-0953

Syracuse Office:

126 Dwight Park Circle
Syracuse, NY 13209
Phone: (866) 769-6163
Fax: (585) 389-0953



Hard Disk

Vault Client Requirements

- 1 GB disk space (Minimum)
- 4 GB disk space (Recommended)

Vault Server Requirements

- 100 GB disk space (Minimum)
- 200 GB disk space (Recommended)

Vault Server (Remote Site for Multi-site Replication – ADMS Installation)

- 150 GB RAM (Minimum)
- 300 GB RAM (Recommended)

Vault Server (Full Replication – ADMS and SQL Installation)

- 300 GB RAM (Minimum)
- 500 GB RAM (Recommended)

AutoCAD, DWF, and DXF are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product and services offerings, and specifications and pricing at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document. © 2010 Autodesk, Inc. All rights reserved.

Autodraft, Inc. dba Adraft

email: info@adraft.com
www.adraft.com

ADRAFT, AN AUTODRAFT, INC. COMPANY

Rochester Office:

2815 Baird Road
Fairport, NY 14450-1244
Phone: (585) 389-1900
Fax: (585) 389-0953

Buffalo Office:

8201 Main Street, Suite 3
Williamsville, NY 14221
Phone: (866) 769-6163
Fax: (585) 389-0953

Syracuse Office:

126 Dwight Park Circle
Syracuse, NY 13209
Phone: (866) 769-6163
Fax: (585) 389-0953



Autodesk Showcase 2011

System Requirements

Hardware Configurations for Autodesk Showcase 2011

Minimum / Laptop

Performance may be limited in scenes with large numbers of objects.

- 2.4 GHz Intel® or equivalent AMD® processor
- 2 GB RAM
- NVIDIA GeForce® or Quadro® FX graphics card with at least 512 MB graphics memory

Recommended

- Intel® Pentium® 4 or 4-core 2.8 GHz processor or equivalent AMD processor
- 4 GB RAM
- NVIDIA Quadro FX graphics card with 768 MB graphics memory or more

Supported NVIDIA Graphics Cards

NVIDIA Quadro FX and GeForce cards released since Summer, 2006 that include the 7, 8 or 9 series graphics chipset. Graphics cards must have a minimum 512 MB graphics memory. More memory is recommended on Microsoft® Windows Vista® or for users working with large data sets or complex scenes.

ATI Radeon 4830 and 4850 cards with driver 8.10 (October, 2008).

Example NVIDIA graphics cards include:

- 7 series: Quadro FX 4500, Geforce 7900GTX, Mobile FX 2500M
- 8 series: Quadro FX 1700, Quadro FX 4600, GeForce 8800 GTS, Mobile FX 1600M
- 9 series: Quadro FX 3700, Quadro FX 5800, GeForce 9600 GT, Mobile FX 3600M
- Quadro Plex Model II and Model D2 are also supported.

Operating System

- Microsoft® Windows® XP Professional (SP 2 or higher)
- Windows XP Professional x64 Edition (Autodesk® Showcase® software runs as a 32-bit application on 64-bit operating system)
- Microsoft Windows Vista® 32-bit or 64-bit, including Business, Enterprise or Ultimate (SP 1)

Note: Showcase can use up to 3 GB RAM on 32-bit Windows XP (with modified boot options) or on Windows Vista 32. 64-bit Windows XP x64 or Windows Vista 64 allows Showcase to access up to 4 GB of system RAM.

Qualified Hardware

For the latest list of qualified hardware, including graphics cards, to run Autodesk® Showcase® 2010, refer to the [Showcase 2010 qualified hardware chart](#).

Autodraft, Inc. dba Adraft

email: info@adraft.com

www.adraft.com

ADRAFT, AN AUTODRAFT, INC. COMPANY

Rochester Office:

2815 Baird Road

Fairport, NY 14450-1244

Phone: (585) 389-1900

Fax: (585) 389-0953

Buffalo Office:

8201 Main Street, Suite 3

Williamsville, NY 14221

Phone: (866) 769-6163

Fax: (585) 389-0953

Syracuse Office:

126 Dwight Park Circle

Syracuse, NY 13209

Phone: (866) 769-6163

Fax: (585) 389-0953



Autodesk Alias Products 2011

System Requirements

Autodesk Alias Design, Autodesk Alias Surface, and Autodesk Alias Automotive

- Microsoft® Windows® 7, Microsoft® Windows® Vista, Microsoft® Windows® XP Professional or XP Professional x64® edition, or Apple® Mac OS® X 10.5.8 and 10.6.2 or greater
- 2 GHz Intel® or equivalent AMD Opteron® processor
- 2 GB RAM, 4 GB or more highly recommended
- Supported NVIDIA® or ATI graphics card with a minimum of 256 MB dedicated texture memory*
- DVD-ROM drive
- Three-button mouse
- Wacom™ graphics tablet for sketching

Autodesk Alias Design for Autodesk Inventor

- 52 MB hard disk
- Windows Vista and Windows 7: UAC must be disabled
- Refer to complete [Autodesk® Inventor® products system requirements](#)

Qualified Hardware

See detailed information about operating system and hardware options.

*Graphics card and driver must fully support the OpenGL® 2.0 specification in order to take advantage of the advanced hardware rendering features.

Autodraft, Inc. dba Adraft

email: info@adraft.com

www.adraft.com

ADRAFT, AN AUTODRAFT, INC. COMPANY

Rochester Office:

2815 Baird Road
Fairport, NY 14450-1244
Phone: (585) 389-1900
Fax: (585) 389-0953

Buffalo Office:

8201 Main Street, Suite 3
Williamsville, NY 14221
Phone: (866) 769-6163
Fax: (585) 389-0953

Syracuse Office:

126 Dwight Park Circle
Syracuse, NY 13209
Phone: (866) 769-6163
Fax: (585) 389-0953