

## Hardware/Software Specifications

Platform Models: PC Pentium II  
PC Pentium III  
PC Pentium IV

Supported Graphics Environments: ADAMS/View requires a minimum of 1024x768 resolution.

Supported MDI Products:	ADAMS/View	12.0
	ADAMS/Exchange	12.0
	ADAMS/PostProcessor	12.0
	ADAMS/Solver Task	12.0
	ADAMS/Linear	12.0
	ADAMS/Vibration	12.0
	ADAMS/Durability	12.0
	ADAMS/Flex	12.0
	ADAMS/AutoFlex	12.0
	ADAMS/Controls	12.0
	ADAMS/Hydraulics	12.0
	ADAMS/Insight	12.0
	ADAMS/Rail	12.0
	ADAMS/Car	12.0
	ADAMS/Car Suspension Design	12.0
	ADAMS/Car Conceptual Suspension	12.0
	ADAMS/Car Vehicle Dynamics	12.0
	ADAMS/Driveline	12.0
	ADAMS/Chassis	12.0
	ADAMS/Engine Base	12.0
	ADAMS/Engine Valvetrain	12.0
	ADAMS/Engine Chain Drive	12.0
	ADAMS/Engine Timing Belt	12.0
	ADAMS/Engine Accessory Drive	12.0
	ADAMS/Engine Basic Cranktrain	12.0
	ADAMS/Engine Advanced Cranktrain	12.0
	ADAMS/Engine Gear	12.0
	ADAMS/Aircraft Landing Gear	12.0
	ADAMS/Aircraft Handling Tire	12.0
	ADAMS/Driver	12.0
	ADAMS/Tire Handling	12.0
	ADAMS/Tire FTire	12.0
	ADAMS/Tire 3D Contact	12.0
	ADAMS/3D Road	12.0
	ADAMS/Tire SWIFT	12.0
	ADAMS/Tire Motorcycle Tire	12.0
	ADAMS/Tire Motorcycle Data Lib	12.0

Hardware/Software Specifications

ADAMS/Tire Pass. Car Data Lib	12.0
ADAMS/Tire Light Truck Data Lib	12.0
ADAMS/EDM	12.0
MECHANISM/Pro Iface Only 2001	12.0
ADAMS/SDK Solver	12.0
ADAMS Model Database SDK	12.0

Demo passwords are available for this platform family.

Hardware/Software Specifications

Supported/Required Software Environments:

<u>Software Product</u>	<u>Fortran Specs</u>	<u>C Specs</u>	<u>Graphics Software Requirements</u>
ADAMS/View	Compaq Visual Fortran v6.6	Microsoft Visual C/C++ v6.0(SP5)	OpenGL runtime libraries
ADAMS/PostProcessor	N/A	N/A	Please see ADAMS/View requirements
ADAMS/Solver Task	Compaq Visual Fortran v6.6	Microsoft Visual C/C++ v6.0(SP5)	N/A
ADAMS/Vibration	N/A	N/A	Please see ADAMS/View requirements
ADAMS/Durability	N/A	N/A	Please see ADAMS/View requirements
ADAMS/Controls	N/A	N/A	Please see ADAMS/View requirements
ADAMS/Hydraulics	N/A	N/A	Please see ADAMS/View requirements
ADAMS/Rail	Digital Visual Fortran v6.6	Microsoft Visual C/C++ v6.0(SP5)	Please see ADAMS/View requirements
ADAMS/Car Suspension Design	Compaq Visual Fortran v6.6	Microsoft Visual C/C++ v6.0(SP5)	Please see ADAMS/View requirements
ADAMS/Car Conceptual Suspension	Compaq Visual Fortran v6.6	Microsoft Visual C/C++ v6.0(SP5)	Please see ADAMS/View requirements
ADAMS/Car Vehicle Dynamics	Compaq Visual Fortran v6.6	Microsoft Visual C/C++ v6.0(SP5)	Please see ADAMS/View requirements
ADAMS/Driveline	Compaq Visual Fortran v6.6	Microsoft Visual C/C++ v6.0(SP5)	Please see ADAMS/View requirements
ADAMS/Chassis	Compaq Visual Fortran v6.6	Microsoft Visual C/C++ v6.0(SP5)	N/A
ADAMS/Engine Base	Compaq Visual Fortran v6.6	Microsoft Visual C/C++ v6.0(SP5)	Please see ADAMS/View requirements
ADAMS/Engine Valvetrain	Compaq Visual Fortran v6.6	Microsoft Visual C/C++ v6.0(SP5)	Please see ADAMS/View requirements
ADAMS/Engine Chain Drive	Compaq Visual Fortran v6.6	Microsoft Visual C/C++ v6.0(SP5)	Please see ADAMS/View requirements
ADAMS/Engine Timing Belt	Compaq Visual Fortran v6.6	Microsoft Visual C/C++ v6.0(SP5)	Please see ADAMS/View requirements
ADAMS/Engine Accessory Drive	Compaq Visual Fortran v6.6	Microsoft Visual C/C++ v6.0(SP5)	Please see ADAMS/View requirements
ADAMS/Engine Basic Cranktrain	Compaq Visual Fortran v6.6	Microsoft Visual C/C++ v6.0(SP5)	Please see ADAMS/View requirements
ADAMS/Engine Advanced Cranktrain	Compaq Visual Fortran v6.6	Microsoft Visual C/C++ v6.0(SP5)	Please see ADAMS/View requirements

Hardware/Software Specifications

<u>Software Product</u>	<u>Fortran Specs</u>	<u>C Specs</u>	<u>Graphics Software Requirements</u>
ADAMS/Engine Gear	Compaq Visual Fortran v6.6	Microsoft Visual C/C++ (SP5)	Please see ADAMS/View requirements
ADAMS/Aircraft Landing Gear	Compaq Visual Fortran v6.6	Microsoft Visual C/C++ v6.0(SP5)	Please see ADAMS/View requirements
MECHANISM/Pro Iface Only 2001	N/A	N/A	Please see your Pro/Engineer requirements

Note: Fortran libraries are required for creating any ADAMS/Solver custom executable.

Hardware/Software Specifications

Supported/Required Hardware Environments:

<u>Software Product</u>	<u>Supported Configurations</u>	<u>Specific Hardware Requirements</u>
ADAMS/View	All	Mouse, OpenGL graphics card highly recommended
ADAMS/Exchange	All	N/A
ADAMS/PostProcessor	All	Please see ADAMS/View requirements
ADAMS/Solver Task	All	N/A
ADAMS/Linear	All	N/A
ADAMS/Vibration	All	Please see ADAMS/View requirements
ADAMS/Durability	All	Please see ADAMS/View requirements
ADAMS/Flex	All	N/A
ADAMS/AutoFlex	All	N/A
ADAMS/Controls	All. Please see Comments section at the end of this document.	Please see ADAMS/View requirements
ADAMS/Hydraulics	All	Please see ADAMS/View requirements
ADAMS/Insight	All	Mouse
ADAMS/Rail	All	Please see ADAMS/View requirements
ADAMS/Car Suspension Design	All	Please see ADAMS/View requirements
ADAMS/Car Conceptual Suspension	All	Please see ADAMS/View requirements
ADAMS/Car Vehicle Dynamics	All	Please see ADAMS/View requirements
ADAMS/Driveline	All	Please see ADAMS/View requirements
ADAMS/Chassis	All	Mouse
ADAMS/Engine Base	All	Please see ADAMS/View requirements
ADAMS/Engine Valvetrain	All	Please see ADAMS/View requirements
ADAMS/Engine Chain Drive	All	Please see ADAMS/View requirements
ADAMS/Engine Timing Belt	All	Please see ADAMS/View requirements
ADAMS/Engine Accessory Drive	All	Please see ADAMS/View requirements
ADAMS/Engine Basic Cranktrain	All	Please see ADAMS/View requirements
ADAMS/Engine Advanced Cranktrain	All	Please see ADAMS/View requirements
ADAMS/Engine Gear	All	Please see ADAMS/View requirements
ADAMS/Aircraft Landing Gear	All	Please see ADAMS/View requirements
ADAMS/Driver	All	N/A
ADAMS/Tire Handling	All	N/A
ADAMS/Tire FTire	All	N/A
ADAMS/Tire 3D Contact	All	N/A
ADAMS/3D Road	All	N/A
ADAMS/Tire SWIFT	All	N/A
ADAMS/Tire Motorcycle Data Lib	All	N/A
ADAMS/Tire Pass. Car Data Lib	All	N/A
ADAMS/Tire Light Truck Data Lib	All	N/A
ADAMS/EDM	All	N/A
MECHANISM/Pro Iface Only 2001	All	Mouse. Please see your Pro/Engineer requirements

Hardware/Software Specifications

Memory Requirements: (MBytes)	Minimum	256.0
	Recommended	512.0
Disk Space Requirements: (MBytes)	ADAMS/Chassis	60.0
	MECHANISM/Pro Iface Only 2001	7.2
	ADAMS/Flex	23.0
	ADAMS/Controls	3.0
	ADAMS/Car	70.0
	ADAMS/Solver Task	4.0
	ADAMS/View	110.0
	ADAMS/Rail	23.0
	ADAMS/Insight	2.0
	ADAMS/PostProcessor	7.0
	ADAMS/Hydraulics	6.0
	ADAMS Model Database SDK	6.0
	ADAMS/Vibration	3.0
	ADAMS/Durability	10.0
	ADAMS/AutoFlex	8.0
	ADAMS/Driveline	4.0
ADAMS/Aircraft Landing Gear	42.0	
ADAMS/Engine Base	62.0	
Miscellaneous	44.0	
	Total	494.2

General Hardware Requirements:

- Swap Space: 512 Mbytes
- Distribution Media: CD-ROM
- Terminal: SVGA monitor (1024x768 or better resolution)
- Mouse: Required for ADAMS/View (2 or 3 button)
- Printer: Postscript printer required for hard copies in ADAMS/View

Hardware/Software Specifications

Licensing Requirements:

MDI supports two types of licensing: a network license that allows program execution on any computer on the network and a node-locked task-limited license which counts simultaneous users of product on a given system.

With either type of licensing, MDI requires that you choose a license server. You may choose only one(1) or three(3) license servers. MDI requires the following system information from the machine(s) you designate as the license server(s).

- 1) The host name of the license server machine. The host name is displayed by typing 'hostname' in the Command Prompt window.
- 2) The Hostid of the license server machine. The hostid is determined by typing 'ipconfig/all' in the Command Prompt window. Look for the line labeled "Physical Address".

\*\*\* Note: For either type of license, Windows NT Server is not required. However, you must install the following network software on both client and server systems, from your Windows

"Control Panel - Network - Add Software - TCP/IP Protocol"

The TCP/IP Protocol software is used to communicate with the license manager and MUST be installed and enabled on both client and server systems.

\*\*\* LAPTOP INSTALLERS \*\*\*

Please read Mechanical Dynamics Knowledge Base article 8758 at <http://support.adams.com/kb/dsearch.asp>

Comments:

Requires TCP/IP Protocol Network Software installed from Windows NT CD-ROM. Requires ethernet card for licensing. PLEASE READ MDI Knowledge Base Article 8758 at <http://support.adams.com/kb/dsearch.asp>

Only the EASY5 interface for ADAMS/Controls is supported for Windows XP.