

Workload 8 test results for Autodesk Inventor 8	Processor	Number of Processors	Graphics Card	Operating System	Physical Memory	Driver	Notes	Rating
APPRO WH300	AMD Opteron Processor 248 2.6GHz	2	Nvidia Quadro4 980 XGL	Win XP Pro SP2	8GB	4.4.72	3	Certified
APPRO WH301	AMD Opteron Processor 248 2.2GHz	2	Nvidia Quadro4 980 XGL	Win 2003 Server	8GB	5.3.03	3	Certified
Dell M60+ Mobile Workstation	P4-M 2.2 GHz.	1	Nvidia FX 1000 GoGL	Win 2000 Pro SP4	1 GB	6.14.10.53 81		Certified
Dell M60+ Mobile Workstation	P4-M 2.2 GHz.	1	Nvidia FX 1000 GoGL	Win XP Pro SP1	1 GB	6.14.10.53 81		Certified
Dell Precision Workstation 350	P4, 2.8GHz.	1	ATI FireGL E1	Win 2000 Pro SP2	1.5GB	5.12.2195.3056	1, 2	Certified
Dell Precision Workstation 350	P4, 2.8GHz.	1	ATI FireGL X1 AGP Pro	Win 2000 Pro SP2	1.5GB	6.13.10.10 29	1, 2	Certified
Dell Precision Workstation 350	P4, 2.8GHz.	1	Nvidia Quadro4 900 XGL	Win 2000 Pro Sp2	1.5GB	4.0.72		Certified
Dell Precision Workstation 350	P4, 2.8GHz.	1	ATI FireGL E1	Win XPP SP1	1.5GB	5.12.2195.3056	1, 2	Certified
Dell Precision Workstation 350	P4, 2.8GHz.	1	Nvidia Quadro4 900 XGL	Win XPP SP1	1.5GB	4.0.72		Certified
Dell Precision WorkStation 450/650	P4, 2.4GHz.	2	3Dlabs Wildcat 7110	Win 2000 Pro SP2	1GB	05.06.00.3 8		Certified
Dell Precision WorkStation 450/650	P4, 2.4GHz.	2	ATI FireGL E1	Win 2000 Pro SP2	1GB	5.12.2195.3056	1, 2	Certified
Dell Precision WorkStation 450/650	P4, 2.4GHz.	2	ATI FireGL X1 AGP Pro	Win 2000 Pro SP2	1GB	6.13.10.10 29	1, 2	Certified
Dell Precision WorkStation 450/650	P4, 2.4GHz.	2	Nvidia Quadro4 900 XGL	Win 2000 Pro SP2	1GB	4.0.72		Certified
Dell Precision WorkStation 450/650	P4, 2.4GHz.	2	3Dlabs Wildcat 7110	Win XPP SP1	1GB	06.06.00.3 8		Certified
Dell Precision WorkStation 450/650	P4, 2.4GHz.	2	ATI FireGL E1	Win XPP SP1	1GB	6.12.2195.3056	1, 2	Certified
Dell Precision WorkStation 450/650	P4, 2.4GHz.	2	ATI FireGL X1 AGP Pro	Win XPP SP1	1GB	6.13.10.10 29	1, 2	Certified
Dell Precision WorkStation 450/650	P4, 2.4GHz.	2	Nvidia Quadro FX 1000	Win XPP SP1	1GB	4.4.03		Certified
Dell Precision WorkStation 450/650	P4, 2.4GHz.	2	Nvidia Quadro4 900 XGL	Win XPP SP1	1GB	4.0.72		Certified
HP Kayak XU7000	P4 1.5GHz	1	ATI FireGL 2	Win 2000 Pro SP2	1GB	5.12.2195.2.82	1	Certified
HP Workstation xw4100	P4 3.0GHz.	1	Nvidia Quadro4 380	Win 2000 Pro SP2	1GB	4.2.54		Certified
HP Workstation xw4100	P4 3.0GHz.	1	Nvidia Quadro4 980	Win 2000 Pro SP2	1GB	4.2.54		Certified
HP Workstation xw4100	P4 3.0GHz.	1	Nvidia Quadro4 380	Win XP Pro SP1	1GB	4.2.54		Certified
HP Workstation xw4100	P4 3.0GHz.	1	Nvidia Quadro4 980	Win XP Pro SP1	1GB	4.2.54		Certified
HP Workstation xw5000	P4 2.8GHz.	1	ATI FireGL X1 AGP Pro	Win 2000 Pro SP2	1GB	6.13.10.10 32	1, 2	Certified
HP Workstation xw5000	P4 2.8GHz.	1	Nvidia Quadro4 380	Win 2000 Pro SP2	1GB	4.2.54		Certified
HP Workstation xw5000	P4 2.8GHz.	1	Nvidia Quadro4 980	Win 2000 Pro SP2	1GB	4.2.54		Certified
HP Workstation xw5000	P4 2.8GHz.	1	ATI FireGL X1 AGP Pro	Win XP Pro SP1	1GB	6.13.10.10 32	1, 2	Certified

HP Workstation xw5000	P4 2.8GHz.	1	Nvidia Quadro4 380	Win XP Pro SP1	1GB	4.2.54		Certified
HP Workstation xw5000	P4 2.8GHz.	1	Nvidia Quadro4 980 XGL	Win XP Pro SP1	1GB	4.2.54		Certified
HP Workstation xw6000	P4 2.8GHz. Xeon	2	ATI FireGL X1 AGP Pro	Win 2000 Pro SP2	2GB	6.13.10.10 32	1, 2	Certified
HP Workstation xw6000	P4 2.8GHz. Xeon	2	Nvidia Quadro4 380	Win 2000 Pro SP2	2GB	4.2.54		Certified
HP Workstation xw6000	P4 2.8GHz. Xeon	2	Nvidia Quadro4 980	Win 2000 Pro SP2	2GB	4.2.54		Certified
HP Workstation xw6000	P4 2.4GHz. Xeon	1	Nvidia Quadro4 980	Win 2000 Pro SP2	.768 GB	5.3.03		Certified
HP Workstation xw6000	P4 2.8GHz. Xeon	2	ATI FireGL X1 AGP Pro	Win XP Pro SP1	2GB	6.13.10.10 32	1, 2	Certified
HP Workstation xw6000	P4 2.8GHz. Xeon	2	Nvidia Quadro4 380	Win XP Pro SP1	2GB	4.2.54		Certified
HP Workstation xw6000	P4 2.8GHz. Xeon	2	Nvidia Quadro4 980	Win XP Pro SP1	2GB	4.2.54		Certified
HP Workstation xw6000	P4 2.4GHz. Xeon	1	Nvidia Quadro4 980	Win XP Pro SP1	.768 GB	5.3.03		Certified
HP/Compaq Evo mobile workstation n800w	Mobil P4 2GHz.	1	ATI FireGL 9000	Win 2000 Pro SP2	.5 GB	6.13.10.62 06	1, 2	Certified
HP/Compaq Evo W4000 (HP XW4000)	P4 2.2GHz.	1	Nvidia Quadro 2 Pro	Win 2000 Pro SP2	.5 GB	4.0.72		Certified
HP/Compaq Evo W4000 (HP XW4000)	P4 2.2GHz.	1	Nvidia Quadro 2 Pro	Win XPP SP1	.5 GB	4.0.72		Certified
HP/Compaq Evo W6000	P4 2.4 GHz. Xeon	1	Nvidia Quadro2 Pro	Win 2000 Pro SP2	1 GB	4.0.72		Certified
HP/Compaq Evo W6000	P4 2.4 GHz. Xeon	1	Nvidia Quadro2 Pro	Win XPP SP1	1 GB	4.0.72		Certified
IBM A Pro Model 6224 37z	AMD 2.19 GHz. Opteron (2x)	2	NVIDIA Quadro FX 1100	Win XP SP1	3 GB	5.6.6.4		Certified
IBM A31p Mobile Workstation	P4-M 1.7GHz.	1	ATI Mobility FireGL 7800	Win 2000 Pro	1 GB	6.13.10.62 00	1, 2	Certified
IBM IntelliStation M Pro Model 621936Z	P4 2.8 GHz.	1	Nvidia Q4 580 XGL	Win 2000 Pro SP2	.768 GB	4.0.72		Certified
IBM IntelliStation M Pro Model 621936Z	P4 2.8 GHz.	1	Nvidia Q4 980 XGL	Win 2000 Pro SP2	.768 GB	4.0.72		Certified

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Test Description	
<p><u>System configuration:</u> At the time the test was run, each system had the OS and MS office as up to date as possible. Windows 2000 Pro and XP Pro were each optimized for speed. In Explorer and the display properties, all "fancy graphics effects" were disabled. Windows XP performance in "My computer" properties were set to Performance. Systems were unplugged from the network during the running of each test.</p>	
Data Sets	The test consists of 7 datasets. Each is designed to represent a different kind of product modeled with Inventor. They are medium-small datasets to keep the total test time within reason.
Part Rebuild Time (sec.)	Open a part, Rebuild, and save. All parts for a given data set are done in one Autodesk Inventor Session.
Assembly Update Time (sec.)	Open each assembly, accept updates, Center it, and save. Each assembly from a given dataset is done in the same Autodesk Inventor Session.
IDW Creation Time (sec.)	Open assembly, Open a new drawing, As quickly as possible, create a view of the assembly, then create 2 section views. Wait for all views to become precise, then save the drawing. Next reopen the drawing and close it again. Each drawing from a given dataset is made in the same Autodesk Inventor session.
Test Setup	
Anti-virus software disabled, IE 6, Office 2000 or 2002 (XP) Installed and registered.	
The data used in this test was selected to keep "working set" memory requirements of Autodesk Inventor below 512 MB.	
All available updates to the operating system, MS Office 2002 (XP) , and Internet Explorer 6 as of 2/1/02 were applied unless otherwise noted. Driver updates to network cards and SCSI controllers were also applied when recommended by MS Update. DirectX 8 updates were not applied for this test, but some systems already had it installed. Windows XP was changed to the Performance configuration.	
Notebooks tested on AC Power, using built-in graphics card and display. Power settings were adjusted such that the CPU was running at maximum speed.	
Notes:	
1	If the Configuration tab is available, it must be set for "Autodesk Inventor". The HydraVision desktop management software was not installed for this test.
2	See notes on the available drivers for this card. This driver may not be the best one to use.

Legal Note

The purpose of this test is to certify the correctness of Autodesk Inventor operation on a given platform. Execution time of the test is given for information purposes only.

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Further inquiries concerning the Autodesk Inventor (TM) software program should be addressed to Autodesk Customer Support.