

Last Updated: 25-Oct-11

System Verification results for Autodesk Inventor 2012	Processor	Number of Logical Cores	Graphics Card	Operating System	Physical Memory	Driver	Rating
	Dell Precision M4600	Intel® Core™ i5-2540M CPU @ 2.60GHz	4	AMD (ATI) FirePro M5950 (FireGL) Mobility Pro Graphics	Win 7 Ultimate 64-bit SP1	4 GB	8.830.5.0 WHQL
Dell Precision M4600	Intel® Core™ i7-2820QM CPU @ 2.30GHz	8	Intel(R) HD Graphics Family	Win 7 Ultimate 64-bit SP1	8 GB	8.15.10.2266 WHQL	Certified
Dell Precision M4600	Intel® Core™ i7-2820QM CPU @ 2.30GHz	8	NVIDIA Quadro 2000M	Win 7 Ultimate 64-bit SP1	8 GB	8.17.12.6696 WHQL	Certified
Dell Precision M6600	Intel® Core™ i7-2620M CPU @ 2.70GHz	4	AMD (ATI) FirePro M8900 (FireGL) Mobility Pro Graphics	Win 7 Ultimate 64-bit SP1	4 GB	8.830.5.0 WHQL	Certified
Dell Precision M6600	Intel® Core™ i7-2720QM CPU @ 2.20GHz	8	Intel(R) HD Graphics Family	Win 7 Ultimate 64-bit SP1	4 GB	8.15.0010.2321 WHQL	Certified
Dell Precision M6600	Intel® Core™ i7-2720QM CPU @ 2.20GHz	8	NVIDIA Quadro 4000M	Win 7 Ultimate 64-bit SP1	4 GB	8.17.12.6696 WHQL	Certified
Dell Precision T1600	Intel® Xeon® CPU E31225 @ 3.10GHz	4	ATI FirePro V4800 (FireGL)	Win 7 Pro 64-bit SP1	4 GB	8.830.5.4000 WHQL	Certified
Dell Precision T1600	Intel® Xeon® CPU E31225 @ 3.10GHz	4	NVIDIA Quadro 2000	Win 7 Pro 64-bit SP1	4 GB	8.17.12.6570 WHQL	Certified
Dell Precision T1600	Intel® Xeon® CPU E31225 @ 3.10GHz	4	NVIDIA Quadro 600	Win 7 Pro 64-bit SP1	4 GB	8.17.12.6570 WHQL	Certified
Fujitsu Celsius H710	Intel® Core™ i5-2520M CPU @ 2.50GHz	4	NVIDIA Quadro 1000M	Win 7 Pro 64-bit SP1	4 GB	8.17.12.6640 WHQL	Certified
Fujitsu Celsius W510	Intel® Xeon® CPU E31240 @ 3.30GHz	8	NVIDIA Quadro 600	Win 7 Pro 64-bit SP1	4 GB	8.17.12.6570 WHQL	Certified
HP EliteBook 8460w	Intel® Core™ i7-2820QM CPU @ 2.30GHz	8	FirePro M3900 Mobility Professional Graphics	Win 7 Pro 64-bit SP1	8 GB	8.821.1.7000 WHQL	Certified
HP EliteBook 8460w	Intel® Core™ i7-2820QM CPU @ 2.30GHz	8	FirePro M3900 Mobility Professional Graphics	Win XP Pro 32-bit SP3	8 GB	8.821.1.7000 WHQL	Certified
HP EliteBook 8560w	Intel® Core™ i7-2820QM CPU @ 2.30GHz	8	AMD FirePro M5950 Mobility Professional Graphics	Win 7 Pro 64-bit SP1	8 GB	8.821.1.7000 WHQL	Certified
HP EliteBook 8560w	Intel® Core™ i7-2820QM CPU @ 2.30GHz	8	NVIDIA Quadro 1000M	Win 7 Pro 64-bit SP1	8 GB	8.17.12.7600 WHQL	Certified

HP EliteBook 8560w	Intel® Core™ i7-2820QM CPU @ 2.30GHz	8	NVIDIA Quadro 2000M	Win 7 Pro 64-bit SP1	8 GB	8.17.12.7600 WHQL	Certified
HP EliteBook 8560w	Intel® Core™ i7-2820QM CPU @ 2.30GHz	8	AMD FirePro M5950 Mobility Professional Graphics	Win XP Pro 32-bit SP3	8 GB	8.821.1.7000 WHQL	Certified
HP EliteBook 8560w	Intel® Core™ i7-2820QM CPU @ 2.30GHz	8	NVIDIA Quadro 1000M	Win XP Pro 32-bit SP3	8 GB	6.14.12.7600 WHQL	Certified
HP EliteBook 8560w	Intel® Core™ i7-2820QM CPU @ 2.30GHz	8	NVIDIA Quadro 2000M	Win XP Pro 32-bit SP3	8 GB	6.14.12.7600 WHQL	Certified
HP EliteBook 8760w	Intel® Core™ i7-2820QM CPU @ 2.30GHz	8	AMD FirePro M5950 Mobility Professional Graphics	Win 7 Pro 64-bit	8 GB	8.821.1.7000 WHQL	Certified
HP EliteBook 8760w	Intel® Core™ i7-2820QM CPU @ 2.30GHz	8	NVIDIA Quadro 3000M	Win 7 Pro 64-bit	8 GB	8.17.12.7600 WHQL	Certified
HP EliteBook 8760w	Intel® Core™ i7-2820QM CPU @ 2.30GHz	8	NVIDIA Quadro 5010M	Win 7 Pro 64-bit	8 GB	8.17.12.7600 WHQL	Certified
HP EliteBook 8760w	Intel® Core™ i7-2820QM CPU @ 2.30GHz	8	NVIDIA Quadro 4000M	Win 7 Pro 64-bit SP1	8 GB	8.17.12.7600 WHQL	Certified
HP EliteBook 8760w	Intel® Core™ i7-2820QM CPU @ 2.30GHz	8	AMD FirePro M5950 Mobility Professional Graphics	Win XP Pro 32-bit SP3	8 GB	8.821.1.7000 WHQL	Certified
HP EliteBook 8760w	Intel® Core™ i7-2820QM CPU @ 2.30GHz	8	NVIDIA Quadro 3000M	Win XP Pro 32-bit SP3	8 GB	6.14.12.7600 WHQL	Certified
HP EliteBook 8760w	Intel® Core™ i7-2820QM CPU @ 2.30GHz	8	NVIDIA Quadro 4000M	Win XP Pro 32-bit SP3	8 GB	6.14.12.7600 WHQL	Certified
HP EliteBook 8760w	Intel® Core™ i7-2820QM CPU @ 2.30GHz	8	NVIDIA Quadro 5010M	Win XP Pro 32-bit SP3	8 GB	6.14.12.7600 WHQL	Certified
HP Z210 SFF Workstation	Intel® Core™ i3-2120 CPU @ 3.30GHz	2	NVIDIA Quadro NVS 295	Win 7 Pro 64-bit	8 GB	8.17.12.6570 WHQL	Certified
HP Z210 Workstation	Intel® Xeon® CPU E31280 @ 3.50GHz	4	ATI FirePro V5800 (FireGL)	Win 7 Pro 64-bit	8 GB	8.773.1.0 WHQL	Certified
HP Z210 Workstation	Intel® Xeon® CPU E31280 @ 3.50GHz	4	NVIDIA Quadro 2000	Win 7 Pro 64-bit	8 GB	8.17.12.6570 WHQL	Certified
HP Z210 Workstation	Intel® Xeon® CPU E31280 @ 3.50GHz	4	NVIDIA Quadro 600	Win 7 Pro 64-bit	8 GB	8.17.12.6570 WHQL	Certified
Lenovo ThinkPad W520	Intel® Core™ i5-2520M CPU @ 2.50GHz	4	NVIDIA Quadro 1000M	Win 7 Pro 64-bit SP1	6 GB	8.17.12.7554 WHQL	Certified

Lenovo ThinkPad W520	Intel® Core™ i5-2520M CPU @ 2.50GHz	4	NVIDIA Quadro 1000M	Win XP Pro 32-bit SP3	6 GB	6.14.12.7554 WHQL	Certified
Lenovo ThinkPad W520	Intel® Core™ i7-2920XM CPU @ 2.50GHz	8	NVIDIA Quadro 2000M	Win 7 Pro 64-bit SP1	8 GB	8.17.12.7554 WHQL	Certified
Lenovo ThinkPad W520	Intel® Core™ i7-2920XM CPU @ 2.50GHz	8	NVIDIA Quadro 2000M	Win XP Pro 32-bit SP3	8 GB	6.14.12.7554 WHQL	Certified
Lenovo ThinkStation E30	Intel® Xeon® CPU E31245 @ 3.30GHz	8	Intel(R) HD Graphics Family	Win 7 Ultimate 64-bit	4 GB	8.15.10.2345 WHQL	Certified
Lenovo ThinkStation E30	Intel® Xeon® CPU E31245 @ 3.30GHz	8	NVIDIA Quadro 2000	Win 7 Ultimate 64-bit	4 GB	8.17.12.6570 WHQL	Certified
Lenovo ThinkStation E30	Intel® Xeon® CPU E31245 @ 3.30GHz	8	NVIDIA Quadro 600	Win 7 Ultimate 64-bit	4 GB	8.17.12.6570 WHQL	Certified
Lenovo ThinkStation E30	Intel® Xeon® CPU E31245 @ 3.30GHz	8	NVIDIA Quadro 2000	Win XP Pro 32-bit SP3	4 GB	8.17.12.6570 WHQL	Certified
Lenovo ThinkStation E30	Intel® Xeon® CPU E31245 @ 3.30GHz	8	NVIDIA Quadro 600	Win XP Pro 32-bit SP3	4 GB	8.17.12.6570 WHQL	Certified
Toshiba Tecra R850	Intel® Core™ i7-2620M CPU @ 2.70GHz	4	AMD Radeon HD 6450M	Win 7 Pro 64-bit SP1	4 GB	8.801.2.3000 WHQL	Certified

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 is configured for "Best Performance". This disables all "fancy graphics effects". Power plan is set to high performance. System standby, hibernate and sleep are all disabled. All laptops were tested in their native resolution setting and all desktops were run using the monitor's native resolution.</p>	
Data Sets	The test now consists of 10 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, and save. Each assembly from a given dataset is done in the same Autodesk Inventor Session.
IDW Creation Time (sec.)	Open assembly and open a new drawing. As quickly as possible, create a view of the assembly, then create 2 section views 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	
Microsoft Forefront Client Security is enabled.	
The data used in this test was selected to keep "working set" memory requirements of Autodesk Inventor below 1GB.	
All available updates to the operating system, MS Office 2007, and IE7 were applied unless otherwise noted. Driver updates to network cards and SCSI controllers were also applied when recommended by MS Update.	
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:	
Legal Note	
<p>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.</p> <p>The information provided herein is being provided as a service to Autodesk's customers, and any other use of the Information, or use by anyone other than Autodesk customers or Autodesk Authorized Resellers, is strictly prohibited. To insure that customers receive only current information, and because any information contained on this site is dynamic and subject to change at any time, Autodesk Authorized Resellers and other sources may point to this website but may not download and print for the purpose of copying, reproducing, posting, distributing, publishing, or promulgating any information found on the site without previous authorization from the Autodesk Inventor Team. Autodesk has tested only the configuration combinations specifically identified herein; no representations as to the relative performance of other possible configurations may be inferred. Autodesk disclaims all express or implied warranties or other contractual commitments, which may be implied as a result of the publication and dissemination of this Information.</p> <p>Further inquiries concerning the workstation performance should be addressed to the appropriate workstation manufacturer/distributor. Further inquiries concerning the Autodesk Inventor (TM) software program should be addressed to Autodesk Customer Support.</p>	