Workload 6.1 test results for Autodesk Inventor 6, SP1	Processor	Number of Processors	Graphics Card	Operating System	Physical Memory	Part Rebuild Time (Sec.)	Assembly Update Time (Sec.)	Drawing Creation Time (sec.)	Total Time (Sec.)	Notes	Rating
Boxx Technolgies 3DBOXX 2Ri	AMD Athlon MP Model 2200+	2	Wildcat II 5110	Win NT 4 SP6	3 GB	2,029	585	1,759	4,373		Certified
Compaq/HP EVO NW800W	P4 2.0GHx.	1	ATI Fire GL 9000	Win 2000 Pro SP2	.5GB	891	1,000	2,714	4,605		Certified
Dell Precision WorkStation 450/650	P4, 2.4GHz..	1	Nvidia Quadro4 900 XGL	Win 2000 Pro SP2	1GB	2,400	728	1,702	4,830		Certified
Dell Precision WorkStation 450/650	P4, 2.4GHz..	1	3Dlabs Wildcat 7110	Win 2000 Pro SP2	1GB	2,440	801	1,795	5,036		Certified
IBM IntelliStation M Pro Model 621936Z	P4 2.8 GHz.	1	Nvidia Q4 980 XGL	Win 2000 Pro SP2	.768 GB	2,295	771	1,994	5,060		Certified
Boxx Technolgies 3DBOXX 2Ri	AMD Athlon MP Model 2200+	2	Wildcat II 5110	Win 2000 Pro SP2	3 GB	2,483	808	1,835	5,125		Certified
Boxx Technolgies 3DBOXX 2Ri	AMD Athlon MP Model 2200+	2	Wildcat II 5110	Win XPP SP2	3 GB	2,538	826	1,794	5,158		Certified
Compaq Evo W6000	P4 2.4 GHz.Xeon	1	Nvidia Quadro2 Pro	Win XPP	1 GB	2,563	845	2,397	5,805		Certified
Compaq Evo W6000	P4 2.4 GHz.Xeon	1	Nvidia Quadro2 Pro	Win 2K	1 GB	2,771	891	2,203	5,865		Certified
Compaq Evo W4000 (HP XW4000)	P4 2.2GHz.	1	Nvidia Quadro 2 Pro	Win 2000 Pro SP2	.5 GB	2,562	879	2,815	6,255		Certified
Compaq/HP EVO NW800W	P4 2.0GHx.	1	ATI Fire GL 9000	Win XPP SP2	.5GB	2,203	943	3,175	6,321		Certified
Compaq Evo W4000 (HP XW4000)	P4 2.2GHz.	1	Nvidia Quadro 2 Pro	Win XP	.5 GB	2,583	953	2,874	6,410		Certified
Dell M50 Mobile Workstation	P4-M 1.8 GHz.	1	Nvidia Quadro4 500 GoGL	Win XP Pro	1 GB	2,875	918	3,013	6,806		Certified
IBM A31p Mobile Workstation	P4-M 1.7GHz.	1	ATI Mobility FireGL 7800	Win 2000 Pro	1 GB	2,988	940	3,228	7,156		Certified
Dell M50 Mobile Workstation	P4-M 1.8 GHz.	1	Nvidia Quadro4 500 GoGL	Win 2000 Pro SP2	1 GB	2,918	922	3,488	7,328		Certified
HP Kayak XU7000	P4 1.5GHz	1	ATI FireGL 2	Win 2000 Pro SP2	1GB	3,037	887	3,475	7,399		Certified

Tested 1-14-03

Test Description

The R6 test takes advantage of multiple processors during the drawing creation phase. This and other changes prevents the R6 times from being used to compare against the R5.3 times.

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, 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, Create a view the assembly, 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.

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 configuraton.

Notebooks tested on AC Power, using builtin graphics card and display.

Chart is sorted by total time

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 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.

9	These are the same physical system, with a different disk drive.
10	These are the same physical system, with a different disk drive.
11	Win XP Pro Configured for Performance: 1) My Computer > Proiperties > Performance tab > Visual Effects Select Performance. 2) Display Properties > Appearance Tab > Effects Button > Clear all check boxes.

Legal Note