

ID	Platform	AutoCAD version	AutoCAD vertical	AutoCAD 32/64bit	Graphic Window size	Test Date	Computer Brand	CPU Type	System RAM	Graphics Card	Graphics Card driver	Number of Test Loops	Comment	C2010 Total	3D	2D	Disk	CPU	Single Loop Time	CAD.de Link	Details
														Index	Index	Index	Index	Index	(minutes)		
1	Microsoft Windows NT Version 5.1 (x86)	18.0s	ACA als Acad	32	1436x530 pixels	05-04-10 (9:15pm)	Dell Precision M4400	Intel Core 2 Duo P8400 2.26GHz	3,48 GB	Nvidia Quadro FX 770M	191.00	1	HwAccON-Autodesk	226	476	195	70	162	31	Link zum Beitrag	Details
2	Microsoft Windows NT Version 6.1 (x64)	18.1s	Map 3D	64	1276x741 pixels	04-30-10 (10:14am)	DELL VOSTRO 430	Core i7-860 / 2800 Mhz	6,14 GB	1GB NVIDIA GeForce® GTS 240	186.27	1	HwAccON aus	161	50	243	149	204	107	Link zum Beitrag	Details
3	Microsoft Windows NT Version 6.0 (x86)	18.0s	???	32	1539x966 pixels	04-30-10 (12:41am)	Caretta Eigenbau	Core Duo E8400 3,00 GHz	4,00 GB	Nvidia Quadro FX1700	191.66 (8.16.11.9166)	1	HwAccON an	242	382	280	91	214	28	Link zum Beitrag	Details
4	Microsoft Windows NT Version 6.1 (x64)	18.1s	AutoCAD	64	1637x739 pixels	04-30-10 (1:16pm)	acer Aspire 8920	Intel Core2Duo T9300 2.5GHz	4,00 GB	nVidia 9650M GS	197.16	1	HwAccON-Autodesk	199	407	132	78	178	37	Link zum Beitrag	Details
5	Microsoft Windows NT Version 6.1 (x86)	18.0s	C3D als ACAD	32	1256x713 pixels	04-30-10 (12:43am)	-	i5 CPU 670@3.47 GHz	8,00 GB	FX3800	8.17.11.9754	1	HwAccON-nvd310.hdi	359	767	257	147	267	19	Link zum Beitrag	Details
6	Microsoft Windows NT Version 6.1 (x86)	18.0s	C3D als ACAD	32	1276x731 pixels	04-30-10 (3:58pm)	-	i5 CPU 670@3.47 GHz	8,00 GB	FX3800	8.17.11.9754	1	HwAccON-Direct3D.hdi	336	677	257	147	262	21	Link zum Beitrag	Details
7	Microsoft Windows NT Version 6.1 (x64)	18.1s	Map 3D	64	1276x741 pixels	04-30-10 (1:32pm)	DELL VOSTRO 430	Core i7-860 / 2800 Mhz	6,14 GB	1GB NVIDIA GeForce® GTS 240	186.27	1	HwAccON an	294	593	208	159	216	22	Link zum Beitrag	Details
8	Microsoft Windows NT Version 5.1 (x86)	18.0s	???	32	1276x885 pixels	05-03-10 (8:09am)	DELL Optiplex 960	Core 2 Duo, E8400, 3 GHz	3,25 GB	ATI Radeon HD 4650	8.582.0.0	1	HwAccON an	205	227	289	82	225	43	Link zum Beitrag	Details
9	Microsoft Windows NT Version 6.1 (x64)	18.0s	Map 3D	64	1656x655 pixels	05-03-10 (3:59pm)	-	Intel Core 4 (660 @2.4 Ghz)	4,00 GB	Nvidia FX1700	Standard	1	HwAccON an	-	-	134	85	168	23	Link zum Beitrag	Details
10	Microsoft Windows NT Version 5.1 (x86)	18.1s	AutoCAD	32	1916x929 pixels	05-06-10 (6:13pm)	Terra	Core 2 Duo, E6600, 2.4GHz	2GB 667MHz	nVidia Quadro NVS 285 256MB	6.14.11.9728	1	HwAccON aus	127	121	186	66	134	360	Link zum Beitrag	Details
11	Microsoft Windows NT Version 5.1 (x86)	18.1s	AutoCAD	32	1199x852 pixels	05-05-10 (9:56pm)	Armor	Core 2 Duo, E6450, 2.13GHz	4GB 800MHz	nVidia 8600 GT 512MB 1280x1024	6.14.11.7813	1	HwAccON an	163	254	188	71	140	47	Link zum Beitrag	Details
12	Microsoft Windows NT Version 5.1 (x86)	18.1s	AutoCAD	32	1199x852 pixels	05-05-10 (9:04pm)	Armor	Core 2 Duo, E6450, 2.13GHz @3.0GHz	4GB 800MHz	nVidia 8600 GT 512MB 1280x1025	6.14.11.7814	1	HwAccON an	218	338	259	81	193	40	Link zum Beitrag	Details
13	Microsoft Windows NT Version 6.1 (x86)	18.0s	C3D als ACAD	32	1828x922 pixels	05-07-10 (4:29pm)	selfbuild	AMD 945 C3	4GB DDR3-1333	FX580	191.78	1	HwAccON an - nv3d	258	505	214	109	206	25	Link zum Beitrag	Details
14	Microsoft Windows NT Version 6.1 (x64)	18.1s	AutoCAD	64	1855x901 pixels	05-08-10 (7:42pm)	HP Z600	2x Intel Xeon E5530 2,4 Ghz	16 GB	Nvidia Quadro FX 1800	-	1	HwAccON an	263	530	182	154	184	25	Link zum Beitrag	Details
15	Windows XP Prof. x64 Edition 2003 SP2	18.1s	C3D als ACAD	64	1596x898 pixels	05-14-10 (10:38am)	Dell OPTIPLEX 960 MT	Intel Core 2 Duo E8400 @3.00GHz	7,87 GB	ATI Radeon HD 4650	8.591.0.0	1	HwAccON an	246	398	268	97	220	28	Link zum Beitrag	Details

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OS Platform : Microsoft Windows NT Version 5.1 (x86)
 AutoCAD version : 18.0s
 Graphics Window size : 1436x530 pixels
 Test Date (Time) : 05-04-10 (9:15pm)
 Computer Brand : Dell Precision M4400
 CPU Type : Intel Core 2 Duo P8400 2.26GHz
 System RAM : 3.48GB
 Graphics Card : NVidia Quadro FX 770M
 Graphics Card driver : 6.14.11.9100
 Number of Test Loops : 1
 Comment : HWB-Autodesk

Drawing (3D)====>>	c2010_5	c2010_6	c2010_7	c2010_8		
Drawing (2D)====>>	c2010_1	c2010_2	c2010_3	c2010_4	Test Index	

Rotate Wireframe (3D) :	345	357	306	274	317	
Rotate Hidden (3D) :	494	493	719	415	509	
Rotate Conceptual (3D) :	489	474	718	400	497	
Rotate Realistic (3D) :	909	561	743	374	579	
2D Array/save (Disk) :	56	51	58	51	54	
DXFout (Disk) :	130	151	179	97	132	
Save Drawing (Disk) :	73	54	62	53	60	
Calculations (CPU) :	135	174	175	172	162	
Ortho lines (2D) :	299	317	326	342	320	
Radial plines (2D) :	249	268	278	291	271	
Text and Blocks (2D) :	103	109	109	115	109	
Erase/Zoom (2D) :	205	208	226	247	220	

Individual Dwg Index	238	226	268	202		

 C2010 Total Index = 226

 3D Graphics Index = 476
 2D Graphics Index = 195
 Disk Index = 70
 CPU Index = 162

 (Single Loop Time = 31 min)

***** Test Data: Actual Times (sec)

Drawing====>>	1st Dwg	2nd Dwg	3rd Dwg	4th Dwg	Test (avg)

Rotate Wireframe (3D) :	14.8	18.8	8.8	75.4	29.4
Rotate Hidden (3D) :	21.7	26.2	15.5	103.6	41.7
Rotate Conceptual (3D) :	21.9	27.2	15.6	107.5	43.0
Rotate Realistic (3D) :	9.8	24.5	10.5	160.1	51.2
2D Array/save (Disk) :	53.4	54.5	50.0	55.0	53.2
DXFout (Disk) :	31.5	29.7	17.6	43.2	30.5
Save Drawing (Disk) :	38.6	48.1	46.3	51.4	46.1
Calculations (CPU) :	28.8	22.5	22.5	22.6	24.1
Ortho lines (2D) :	36.8	25.4	40.1	21.2	30.9
Radial plines (2D) :	37.0	30.5	28.3	30.8	31.7
Text and Blocks (2D) :	32.8	28.4	47.3	33.8	35.6
Erase/Zoom (2D) :	37.3	37.6	32.9	29.0	34.2

Average Test Time By DWG =	30.3	31.1	27.9	61.1	
Average Test Time =	37.6				

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OS Platform : Microsoft Windows NT Version 6.1 (x64)
 AutoCAD version : 18.1s
 Graphics Window size : 1276x741 pixels
 Test Date (Time) : 04-30-10 (10:14am)
 Computer Brand : DELL VOSTRO 430
 CPU Type : Core i7-860 / 2800 Mhz
 System RAM : 6144
 Graphics Card : 1GB NVIDIA GeForce® GTS 240 DVI+DVI+S-video
 Graphics Card driver : 186.27
 Number of Test Loops : 1
 Comment : ---

Drawing (3D)====>>	c2010_5	c2010_6	c2010_7	c2010_8	
Drawing (2D)====>>	c2010_1	c2010_2	c2010_3	c2010_4	Test Index
Rotate Wireframe (3D) :	91	53	76	60	67
Rotate Hidden (3D) :	50	49	58	64	55
Rotate Conceptual (3D) :	48	46	57	57	52
Rotate Realistic (3D) :	26	32	19	57	28
2D Array/save (Disk) :	100	103	125	108	108
DXFout (Disk) :	327	405	418	259	340
Save Drawing (Disk) :	136	119	134	115	125
Calculations (CPU) :	206	203	205	201	204
Ortho lines (2D) :	421	400	584	429	449
Radial plines (2D) :	237	261	435	293	291
Text and Blocks (2D) :	128	133	168	136	140
Erase/Zoom (2D) :	236	266	360	261	274
Individual Dwg Index	155	155	185	159	

 C2010 Total Index = 161

 3D Graphics Index = 50
 2D Graphics Index = 243
 Disk Index = 149
 CPU Index = 204

 (Single Loop Time = 107 min)

***** Test Data: Actual Times (sec)

Drawing====>>	1st Dwg	2nd Dwg	3rd Dwg	4th Dwg	Test (avg)
Rotate Wireframe (3D) :	56.0	127.3	35.7	344.8	140.9
Rotate Hidden (3D) :	213.8	264.8	191.2	671.3	335.3
Rotate Conceptual (3D) :	224.2	279.5	195.9	750.6	362.6
Rotate Realistic (3D) :	345.6	432.7	418.8	1048.6	561.4
2D Array/save (Disk) :	30.1	26.8	23.4	25.8	26.6
DXFout (Disk) :	12.5	11.1	7.5	16.2	11.8
Save Drawing (Disk) :	20.7	21.8	21.5	23.9	22.0
Calculations (CPU) :	18.9	19.3	19.2	19.3	19.2
Ortho lines (2D) :	26.1	20.1	22.4	17.0	21.4
Radial plines (2D) :	38.9	31.3	18.1	30.5	29.7
Text and Blocks (2D) :	26.3	23.3	30.6	28.6	27.2
Erase/Zoom (2D) :	32.4	29.4	20.6	27.5	27.5
Average Test Time By DWG =	87.1	107.3	83.8	250.3	
Average Test Time =	132.1				

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OS Platform : Microsoft Windows NT Version 6.0 (x86)
 AutoCAD version : 18.0s
 Graphics Window size : 1539x966 pixels
 Test Date (Time) : 04-30-10 (12:41am)
 Computer Brand : --- Caretta Eigenbau
 CPU Type : --- Core Duo E8400 3,00 GHz
 System RAM : --- 4,00 GB
 Graphics Card : --- Nvidia Quadro FX1700
 Graphics Card driver : --- 191.66 (8.16.11.9166)
 Number of Test Loops : 1
 Comment : 32 bit

Drawing (3D)====>>	c2010_5	c2010_6	c2010_7	c2010_8	
Drawing (2D)====>>	c2010_1	c2010_2	c2010_3	c2010_4	Test Index
Rotate Wireframe (3D) :	138	97	92	252	124
Rotate Hidden (3D) :	554	591	838	510	602
Rotate Conceptual (3D) :	551	568	834	494	588
Rotate Realistic (3D) :	210	203	151	412	213
2D Array/save (Disk) :	73	66	77	61	69
DXFout (Disk) :	262	326	326	205	270
Save Drawing (Disk) :	82	63	74	59	68
Calculations (CPU) :	213	216	217	212	214
Ortho lines (2D) :	517	462	580	482	506
Radial plines (2D) :	411	354	471	384	400
Text and Blocks (2D) :	139	134	168	148	146
Erase/Zoom (2D) :	320	311	377	343	336
Individual Dwg Index	237	231	279	246	

 C2010 Total Index = 242

 3D Graphics Index = 382
 2D Graphics Index = 280
 Disk Index = 91
 CPU Index = 214

 (Single Loop Time = 28 min)

***** Test Data: Actual Times (sec)

Drawing====>>	1st Dwg	2nd Dwg	3rd Dwg	4th Dwg	Test (avg)
Rotate Wireframe (3D) :	36.9	69.2	29.2	81.9	54.3
Rotate Hidden (3D) :	19.3	21.8	13.3	84.2	34.7
Rotate Conceptual (3D) :	19.5	22.7	13.4	87.0	35.6
Rotate Realistic (3D) :	42.7	67.8	51.5	145.3	76.8
2D Array/save (Disk) :	40.9	41.7	38.0	45.6	41.6
DXFout (Disk) :	15.6	13.8	9.6	20.4	14.9
Save Drawing (Disk) :	34.4	41.0	39.0	46.5	40.2
Calculations (CPU) :	18.3	18.1	18.2	18.3	18.2
Ortho lines (2D) :	21.3	17.4	22.5	15.1	19.1
Radial plines (2D) :	22.4	23.1	16.7	23.3	21.4
Text and Blocks (2D) :	24.4	23.2	30.6	26.4	26.1
Erase/Zoom (2D) :	23.9	25.1	19.7	20.9	22.4
Average Test Time By DWG =	26.6	32.1	25.2	51.2	
Average Test Time =	33.8				

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OS Platform : Microsoft Windows NT Version 6.1 (x64)
 AutoCAD version : 18.1s
 Graphics Window size : 1637x739 pixels
 Test Date (Time) : 04-30-10 (1:16pm)
 Computer Brand : acer Aspire 8920
 CPU Type : Intel Core2Duo T9300 2.5GHz
 System RAM : 4GB
 Graphics Card : nVidia 9650M GS
 Graphics Card driver : 197.16
 Number of Test Loops : 1
 Comment : Win7 X64 (HwAccON - Autodesk)

Drawing (3D)====>>	c2010_5	c2010_6	c2010_7	c2010_8	
Drawing (2D)====>>	c2010_1	c2010_2	c2010_3	c2010_4	Test Index
Rotate Wireframe (3D) :	315	272	256	243	269
Rotate Hidden (3D) :	600	526	907	474	590
Rotate Conceptual (3D) :	607	551	901	490	605
Rotate Realistic (3D) :	229	173	80	562	163
2D Array/save (Disk) :	49	58	66	52	56
DXFout (Disk) :	236	294	288	184	242
Save Drawing (Disk) :	76	57	65	53	61
Calculations (CPU) :	181	173	181	178	178
Ortho lines (2D) :	272	206	328	229	251
Radial plines (2D) :	137	100	214	129	134
Text and Blocks (2D) :	92	98	101	83	93
Erase/Zoom (2D) :	107	108	141	139	121
Individual Dwg Index	207	187	242	204	

 C2010 Total Index = 199

 3D Graphics Index = 407
 2D Graphics Index = 132
 Disk Index = 78
 CPU Index = 178

 (Single Loop Time = 37 min)

***** Test Data: Actual Times (sec)

Drawing====>>	1st Dwg	2nd Dwg	3rd Dwg	4th Dwg	Test (avg)
Rotate Wireframe (3D) :	16.2	24.7	10.5	84.9	34.1
Rotate Hidden (3D) :	17.8	24.5	12.3	90.5	36.3
Rotate Conceptual (3D) :	17.6	23.4	12.4	87.7	35.3
Rotate Realistic (3D) :	39.1	79.4	97.7	106.5	80.7
2D Array/save (Disk) :	61.3	47.5	44.2	53.4	51.6
DXFout (Disk) :	17.3	15.3	10.9	22.8	16.6
Save Drawing (Disk) :	37.2	45.7	44.1	52.3	44.8
Calculations (CPU) :	21.5	22.6	21.8	21.7	21.9
Ortho lines (2D) :	40.4	39.1	39.9	31.7	37.8
Radial plines (2D) :	67.2	82.1	36.8	69.6	63.9
Text and Blocks (2D) :	36.9	31.5	50.8	46.8	41.5
Erase/Zoom (2D) :	71.4	72.5	52.8	51.7	62.1
Average Test Time By DWG =	37.0	42.3	36.2	60.0	
Average Test Time =	43.9				

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OS Platform : Microsoft Windows NT Version 6.1 (x86)
 AutoCAD version : 18.0s
 Graphics Window size : 1256x713 pixels
 Test Date (Time) : 04-30-10 (12:43am)
 Computer Brand : ---
 CPU Type : i5 CPU 670@3.47 GHz
 System RAM : 8GB
 Graphics Card : FX3800
 Graphics Card driver : 8.17.11.9754
 Number of Test Loops : 1
 Comment : nvd3d10.hdi

Drawing (3D)====>>	c2010_5	c2010_6	c2010_7	c2010_8	
Drawing (2D)====>>	c2010_1	c2010_2	c2010_3	c2010_4	Test Index
Rotate Wireframe (3D) :	523	489	449	384	455
Rotate Hidden (3D) :	861	870	1175	675	862
Rotate Conceptual (3D) :	866	856	1181	658	853
Rotate Realistic (3D) :	1114	1168	971	598	898
2D Array/save (Disk) :	122	114	117	110	115
DXFout (Disk) :	278	339	331	215	281
Save Drawing (Disk) :	146	120	123	106	122
Calculations (CPU) :	267	269	270	263	267
Ortho lines (2D) :	481	403	564	438	464
Radial plines (2D) :	392	338	465	367	385
Text and Blocks (2D) :	147	145	166	157	153
Erase/Zoom (2D) :	202	202	265	278	232
Individual Dwg Index	378	374	414	310	

 C2010 Total Index = 359

 3D Graphics Index = 767
 2D Graphics Index = 257
 Disk Index = 147
 CPU Index = 267

 (Single Loop Time = 19 min)

***** Test Data: Actual Times (sec)

Drawing====>>	1st Dwg	2nd Dwg	3rd Dwg	4th Dwg	Test (avg)
Rotate Wireframe (3D) :	9.7	13.7	6.0	53.7	20.8
Rotate Hidden (3D) :	12.4	14.8	9.5	63.6	25.1
Rotate Conceptual (3D) :	12.4	15.1	9.5	65.3	25.6
Rotate Realistic (3D) :	8.0	11.8	8.0	100.1	32.0
2D Array/save (Disk) :	24.6	24.2	25.1	25.4	24.8
DXFout (Disk) :	14.7	13.2	9.5	19.5	14.2
Save Drawing (Disk) :	19.2	21.6	23.5	26.0	22.6
Calculations (CPU) :	14.6	14.6	14.6	14.7	14.6
Ortho lines (2D) :	22.9	20.0	23.2	16.6	20.7
Radial plines (2D) :	23.5	24.2	16.9	24.4	22.3
Text and Blocks (2D) :	23.0	21.4	30.9	24.8	25.0
Erase/Zoom (2D) :	37.9	38.6	28.0	25.8	32.6
Average Test Time By DWG =	18.6	19.4	17.1	38.3	
Average Test Time =	23.3				

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OS Platform : Microsoft Windows NT Version 6.1 (x86)
 AutoCAD version : 18.0s
 Graphics Window size : 1276x731 pixels
 Test Date (Time) : 04-30-10 (3:58pm)
 Computer Brand : ---
 CPU Type : i5
 System RAM : 8GB
 Graphics Card : FX3800
 Graphics Card driver : ---
 Number of Test Loops : 1
 Comment : Direkt 3D.hdi

Drawing (3D)====>>	c2010_5	c2010_6	c2010_7	c2010_8	
Drawing (2D)====>>	c2010_1	c2010_2	c2010_3	c2010_4	Test Index
Rotate Wireframe (3D) :	522	481	443	300	417
Rotate Hidden (3D) :	755	798	1169	615	791
Rotate Conceptual (3D) :	754	772	1171	595	776
Rotate Realistic (3D) :	1083	947	945	405	726
2D Array/save (Disk) :	121	114	116	109	115
DXFout (Disk) :	275	335	332	211	278
Save Drawing (Disk) :	146	119	124	112	124
Calculations (CPU) :	262	263	265	258	262
Ortho lines (2D) :	477	398	563	437	461
Radial plines (2D) :	393	336	468	368	385
Text and Blocks (2D) :	147	147	166	158	154
Erase/Zoom (2D) :	201	201	267	277	232
Individual Dwg Index	361	348	411	284	

 C2010 Total Index = 336

 3D Graphics Index = 677
 2D Graphics Index = 257
 Disk Index = 147
 CPU Index = 262

 (Single Loop Time = 21 min)

***** Test Data: Actual Times (sec)

Drawing====>>	1st Dwg	2nd Dwg	3rd Dwg	4th Dwg	Test (avg)
Rotate Wireframe (3D) :	9.8	14.0	6.1	68.8	24.7
Rotate Hidden (3D) :	14.2	16.1	9.6	69.8	27.4
Rotate Conceptual (3D) :	14.2	16.7	9.5	72.2	28.2
Rotate Realistic (3D) :	8.3	14.5	8.2	147.9	44.7
2D Array/save (Disk) :	24.8	24.1	25.1	25.6	24.9
DXFout (Disk) :	14.9	13.4	9.5	19.9	14.4
Save Drawing (Disk) :	19.3	21.7	23.3	24.6	22.2
Calculations (CPU) :	14.9	14.9	14.9	15.0	14.9
Ortho lines (2D) :	23.1	20.2	23.2	16.6	20.8
Radial plines (2D) :	23.4	24.4	16.8	24.4	22.2
Text and Blocks (2D) :	22.9	21.1	30.9	24.6	24.9
Erase/Zoom (2D) :	37.9	38.8	27.8	25.8	32.6
Average Test Time By DWG =	19.0	20.0	17.1	44.6	
Average Test Time =	25.2				

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OS Platform : Microsoft Windows NT Version 6.1 (x64)
 AutoCAD version : 18.1s
 Graphics Window size : 1276x741 pixels
 Test Date (Time) : 04-30-10 (1:32pm)
 Computer Brand : DELL VOSTRO 430
 CPU Type : Core i7-860 / 2800 Mhz
 System RAM : 6144
 Graphics Card : 1GB NVIDIA GeForce® GTS 240 DVI+DVI+S-video
 Graphics Card driver : 186.27
 Number of Test Loops : 1
 Comment : mit Hardwarebeschleunigung

Drawing (3D)====>>	c2010_5	c2010_6	c2010_7	c2010_8	
Drawing (2D)====>>	c2010_1	c2010_2	c2010_3	c2010_4	Test Index
Rotate Wireframe (3D) :	445	623	405	354	437
Rotate Hidden (3D) :	743	774	1231	656	804
Rotate Conceptual (3D) :	772	830	1231	672	833
Rotate Realistic (3D) :	257	344	176	951	296
2D Array/save (Disk) :	123	122	126	112	121
DXFout (Disk) :	333	436	444	265	353
Save Drawing (Disk) :	152	124	126	117	129
Calculations (CPU) :	213	218	219	214	216
Ortho lines (2D) :	397	331	496	343	382
Radial plines (2D) :	222	188	325	214	227
Text and Blocks (2D) :	124	128	142	117	127
Erase/Zoom (2D) :	208	203	271	244	229
Individual Dwg Index	285	303	349	303	

C2010 Total Index = 294

 3D Graphics Index = 593
 2D Graphics Index = 208
 Disk Index = 159
 CPU Index = 216

 (Single Loop Time = 22 min)

***** Test Data: Actual Times (sec)

Drawing====>>	1st Dwg	2nd Dwg	3rd Dwg	4th Dwg	Test (avg)
Rotate Wireframe (3D) :	11.4	10.8	6.7	58.3	21.8
Rotate Hidden (3D) :	14.4	16.7	9.1	65.5	26.4
Rotate Conceptual (3D) :	13.9	15.5	9.1	63.9	25.6
Rotate Realistic (3D) :	34.8	40.0	44.2	62.9	45.5
2D Array/save (Disk) :	24.3	22.6	23.1	24.8	23.7
DXFout (Disk) :	12.3	10.3	7.1	15.8	11.4
Save Drawing (Disk) :	18.5	20.8	22.8	23.5	21.4
Calculations (CPU) :	18.3	18.0	18.0	18.1	18.1
Ortho lines (2D) :	27.7	24.3	26.3	21.2	24.9
Radial plines (2D) :	41.5	43.5	24.2	41.9	37.8
Text and Blocks (2D) :	27.2	24.3	36.2	33.3	30.2
Erase/Zoom (2D) :	36.7	38.4	27.4	29.4	33.0
Average Test Time By DWG =	23.4	23.8	21.2	38.2	
Average Test Time =	26.6				

CADALYST Systems Benchmark 2010
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OS Platform : Microsoft Windows NT Version 5.1 (x86)
 AutoCAD version : 18.0s
 Graphics Window size : 1276x885 pixels
 Test Date (Time) : 05-03-10 (8:09am)
 Computer Brand : DELL Optiplex 960
 CPU Type : Cor 2 Duo, E8400, 3 GHz
 System RAM : 3,25 GB
 Graphics Card : ATI Radeon HD 4650
 Graphics Card driver : 8.582.0.0
 Number of Test Loops : 1
 Comment : ---

Drawing (3D)====>>	c2010_5	c2010_6	c2010_7	c2010_8	
Drawing (2D)====>>	c2010_1	c2010_2	c2010_3	c2010_4	Test Index

Rotate Wireframe (3D) :	38	39	21	117	37
Rotate Hidden (3D) :	339	364	429	459	392
Rotate Conceptual (3D) :	343	370	436	444	393
Rotate Realistic (3D) :	66	88	58	261	84
2D Array/save (Disk) :	69	62	73	61	66
DXFout (Disk) :	133	210	189	115	152
Save Drawing (Disk) :	76	61	72	61	67
Calculations (CPU) :	225	226	225	223	225
Ortho lines (2D) :	493	468	559	488	500
Radial plines (2D) :	411	393	469	416	421
Text and Blocks (2D) :	146	146	170	154	153
Erase/Zoom (2D) :	321	316	377	347	339

Individual Dwg Index	196	199	218	226	

 C2010 Total Index = 205

 3D Graphics Index = 227
 2D Graphics Index = 289
 Disk Index = 82
 CPU Index = 225

 (Single Loop Time = 43 min)

***** Test Data: Actual Times (sec)

Drawing====>>	1st Dwg	2nd Dwg	3rd Dwg	4th Dwg	Test (avg)

Rotate Wireframe (3D) :	133.4	173.6	125.6	176.0	152.1
Rotate Hidden (3D) :	31.6	35.4	26.0	93.7	46.7
Rotate Conceptual (3D) :	31.3	34.8	25.6	96.7	47.1
Rotate Realistic (3D) :	134.7	155.7	135.0	229.5	163.7
2D Array/save (Disk) :	43.8	44.5	40.1	45.8	43.6
DXFout (Disk) :	30.7	21.3	16.6	36.5	26.3
Save Drawing (Disk) :	37.2	42.6	40.2	45.0	41.2
Calculations (CPU) :	17.4	17.3	17.5	17.4	17.4
Ortho lines (2D) :	22.3	17.2	23.4	14.9	19.5
Radial plines (2D) :	22.4	20.8	16.8	21.5	20.4
Text and Blocks (2D) :	23.1	21.2	30.2	25.3	25.0
Erase/Zoom (2D) :	23.8	24.8	19.7	20.7	22.2

Average Test Time By DWG =	46.0	50.8	43.1	68.6	
Average Test Time =	52.1				

CADALYST Systems Benchmark 2010
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OS Platform : Microsoft Windows NT Version 6.1 (x64)
 AutoCAD version : 18.0s
 Graphics Window size : 1656x655 pixels
 Test Date (Time) : 05-03-10 (3:59pm)
 Computer Brand : N/A
 CPU Type : INtel Core 4 (660 @2.4 Ghz)
 System RAM : 4.0 GB
 Graphics Card : NVIDIA FX 1700
 Graphics Card driver : Standard
 Number of Test Loops : 1
 Comment : C2010 v5.3, mit Hardwarebeschleunigung, ohne PerformanceTreiber

Drawing (2D)===>>	c2010_1	c2010_2	c2010_3	c2010_4	Test Index
2D Array/save (Disk) :	67	63	69	58	64
DXFout (Disk) :	217	251	272	159	216
Save Drawing (Disk) :	79	63	68	57	66
Calculations (CPU) :	167	169	170	165	168
Ortho lines (2D) :	286	214	380	244	269
Radial plines (2D) :	232	180	316	205	223
Text and Blocks (2D) :	89	91	116	87	95
Erase/Zoom (2D) :	74	75	115	112	90
Individual Dwg Index	128	123	145	125	

 C2010 Total Index = N/A

 3D Graphics Index = N/A
 2D Graphics Index = 134
 Disk Index = 85
 CPU Index = 168

 (Single Loop Time = 23 min)

***** Test Data: Actual Times (sec)

Drawing===>>	1st Dwg	2nd Dwg	3rd Dwg	4th Dwg	Test (avg)
2D Array/save (Disk) :	45.0	43.4	42.3	47.9	44.7
DXFout (Disk) :	18.8	17.8	11.6	26.3	18.6
Save Drawing (Disk) :	35.7	41.2	42.3	48.4	41.9
Calculations (CPU) :	23.3	23.2	23.2	23.4	23.3
Ortho lines (2D) :	38.5	37.5	34.4	29.8	35.1
Radial plines (2D) :	39.8	45.4	24.9	43.7	38.5
Text and Blocks (2D) :	38.0	33.9	44.2	44.7	40.2
Erase/Zoom (2D) :	102.6	104.4	64.7	64.2	83.9
Average Test Time By DWG =	42.7	43.4	35.9	41.0	
Average Test Time =	40.8				

CADALYST Systems Benchmark 2010
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OS Platform : Microsoft Windows NT Version 5.1 (x86)
 AutoCAD version : 18.1s
 Graphics Window size : 1916x929 pixels
 Test Date (Time) : 05-06-10 (6:13pm)
 Computer Brand : Terra
 CPU Type : Core 2 Duo, E6600, 2.4GHz
 System RAM : 2GB 667MHz
 Graphics Card : nVidia Quadro NVS 285 256MB
 Graphics Card driver : 6.14.11.9728
 Number of Test Loops : 1
 Comment : ---

Drawing (3D)====>>	c2010_5	c2010_6	c2010_7	c2010_8	
Drawing (2D)====>>	c2010_1	c2010_2	c2010_3	c2010_4	Test Index
-----	-----	-----	-----	-----	-----
Rotate Wireframe (3D) :	31	32	27	88	36
Rotate Hidden (3D) :	197	214	225	305	229
Rotate Conceptual (3D) :	202	207	191	299	218
Rotate Realistic (3D) :	2	3	1	16	2
2D Array/save (Disk) :	64	58	67	59	62
DXFout (Disk) :	57	78	106	59	71
Save Drawing (Disk) :	78	63	66	61	66
Calculations (CPU) :	143	137	132	127	134
Ortho lines (2D) :	328	251	407	275	305
Radial plines (2D) :	225	165	313	192	211
Text and Blocks (2D) :	110	106	126	112	113
Erase/Zoom (2D) :	202	191	242	235	215
-----	-----	-----	-----	-----	-----
Individual Dwg Index	126	120	136	136	

 C2010 Total Index = 127

 3D Graphics Index = 121
 2D Graphics Index = 186
 Disk Index = 66
 CPU Index = 134

 (Single Loop Time = 360 min)

***** Test Data: Actual Times (sec)

Drawing====>>	1st Dwg	2nd Dwg	3rd Dwg	4th Dwg	Test (avg)
-----	-----	-----	-----	-----	-----
Rotate Wireframe (3D) :	165.3	207.5	101.3	233.5	176.9
Rotate Hidden (3D) :	54.4	60.2	49.6	140.8	76.2
Rotate Conceptual (3D) :	53.1	62.2	58.4	143.7	79.3
Rotate Realistic (3D) :	3663.2	4639.6	6935.2	3722.4	4740.1
2D Array/save (Disk) :	46.5	47.2	43.8	47.2	46.2
DXFout (Disk) :	71.3	57.6	29.6	70.6	57.3
Save Drawing (Disk) :	36.0	41.3	43.7	45.3	41.6
Calculations (CPU) :	27.3	28.7	29.9	30.4	29.0
Ortho lines (2D) :	33.5	32.1	32.1	26.5	31.1
Radial plines (2D) :	40.9	49.7	25.2	46.7	40.6
Text and Blocks (2D) :	30.7	29.2	40.7	34.9	33.9
Erase/Zoom (2D) :	37.9	41.0	30.7	30.5	35.0
-----	-----	-----	-----	-----	-----
Average Test Time By DWG =	355.0	441.3	618.3	381.0	
Average Test Time =	448.9				

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OS Platform : Microsoft Windows NT Version 5.1 (x86)
 AutoCAD version : 18.1s
 Graphics Window size : 1199x852 pixels
 Test Date (Time) : 05-05-10 (9:56pm)
 Computer Brand : Armor
 CPU Type : Core 2 Duo, E6450, 2.13GHz
 System RAM : 4GB 800MHz
 Graphics Card : nVidia 8600 GT 512MB 1280x1024
 Graphics Card driver : 6.14.11.7813
 Number of Test Loops : 1
 Comment : ---

Drawing (3D)====>>	c2010_5	c2010_6	c2010_7	c2010_8		Test Index
Drawing (2D)====>>	c2010_1	c2010_2	c2010_3	c2010_4		
Rotate Wireframe (3D) :	247	227	212	220		226
Rotate Hidden (3D) :	343	349	536	313		369
Rotate Conceptual (3D) :	347	358	531	314		372
Rotate Realistic (3D) :	45	56	27	249		49
2D Array/save (Disk) :	60	57	67	58		61
DXFout (Disk) :	70	104	133	83		92
Save Drawing (Disk) :	77	63	72	57		67
Calculations (CPU) :	139	140	141	138		140
Ortho lines (2D) :	378	306	399	321		347
Radial plines (2D) :	247	191	304	212		231
Text and Blocks (2D) :	101	98	118	104		105
Erase/Zoom (2D) :	206	201	253	231		221
Individual Dwg Index	160	157	192	165		

 C2010 Total Index = 163

 3D Graphics Index = 254
 2D Graphics Index = 188
 Disk Index = 71
 CPU Index = 140

 (Single Loop Time = 47 min)

***** Test Data: Actual Times (sec)

Drawing====>>	1st Dwg	2nd Dwg	3rd Dwg	4th Dwg	Test (avg)
Rotate Wireframe (3D) :	20.6	29.5	12.7	93.9	39.2
Rotate Hidden (3D) :	31.3	37.0	20.8	137.3	56.6
Rotate Conceptual (3D) :	30.9	36.0	21.1	136.7	56.2
Rotate Realistic (3D) :	200.0	245.8	287.0	240.4	243.3
2D Array/save (Disk) :	50.1	48.0	43.3	47.7	47.3
DXFout (Disk) :	58.3	43.3	23.7	50.2	43.9
Save Drawing (Disk) :	36.3	41.1	39.8	48.1	41.3
Calculations (CPU) :	28.0	27.9	28.0	28.0	28.0
Ortho lines (2D) :	29.1	26.3	32.8	22.7	27.7
Radial plines (2D) :	37.3	42.7	25.9	42.3	37.1
Text and Blocks (2D) :	33.3	31.8	43.5	37.7	36.6
Erase/Zoom (2D) :	37.2	39.0	29.3	31.1	34.1
Average Test Time By DWG =	49.4	54.0	50.7	76.3	
Average Test Time =	57.6				

CADALYST Systems Benchmark 2010
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OS Platform : Microsoft Windows NT Version 5.1 (x86)
 AutoCAD version : 18.1s
 Graphics Window size : 1199x852 pixels
 Test Date (Time) : 05-05-10 (9:04pm)
 Computer Brand : Armor
 CPU Type : Core 2 Duo, E6450, 2.13GHz @ 3,0GHz
 System RAM : 4GB 800MHz
 Graphics Card : nVidia 8600 GT 512MB 1280x1024
 Graphics Card driver : 6.14.11.7813
 Number of Test Loops : 1
 Comment : ---

Drawing (3D)====>>	c2010_5	c2010_6	c2010_7	c2010_8	
Drawing (2D)====>>	c2010_1	c2010_2	c2010_3	c2010_4	Test Index
-----	-----	-----	-----	-----	-----
Rotate Wireframe (3D) :	290	241	229	295	260
Rotate Hidden (3D) :	480	487	756	440	517
Rotate Conceptual (3D) :	489	500	754	444	525
Rotate Realistic (3D) :	45	56	27	250	49
2D Array/save (Disk) :	72	70	85	67	73
DXFout (Disk) :	71	98	129	88	92
Save Drawing (Disk) :	93	77	88	68	81
Calculations (CPU) :	192	194	195	191	193
Ortho lines (2D) :	527	424	564	443	483
Radial plines (2D) :	339	258	421	294	317
Text and Blocks (2D) :	139	137	165	143	145
Erase/Zoom (2D) :	273	267	349	320	298
-----	-----	-----	-----	-----	-----
Individual Dwg Index	213	207	260	219	

 C2010 Total Index = 218

 3D Graphics Index = 338
 2D Graphics Index = 259
 Disk Index = 81
 CPU Index = 193

 (Single Loop Time = 40 min)

***** Test Data: Actual Times (sec)

Drawing====>>	1st Dwg	2nd Dwg	3rd Dwg	4th Dwg	Test (avg)
-----	-----	-----	-----	-----	-----
Rotate Wireframe (3D) :	17.6	27.9	11.8	69.9	31.8
Rotate Hidden (3D) :	22.3	26.5	14.8	97.6	40.3
Rotate Conceptual (3D) :	21.9	25.8	14.8	96.7	39.8
Rotate Realistic (3D) :	198.6	245.7	287.0	239.5	242.7
2D Array/save (Disk) :	41.4	39.5	34.5	41.8	39.3
DXFout (Disk) :	57.5	45.6	24.4	47.6	43.8
Save Drawing (Disk) :	30.2	33.5	32.6	40.2	34.1
Calculations (CPU) :	20.3	20.2	20.2	20.2	20.2
Ortho lines (2D) :	20.9	19.0	23.2	16.4	19.9
Radial plines (2D) :	27.2	31.6	18.7	30.5	27.0
Text and Blocks (2D) :	24.3	22.5	31.1	27.2	26.3
Erase/Zoom (2D) :	28.0	29.3	21.3	22.4	25.3
-----	-----	-----	-----	-----	-----
Average Test Time By DWG =	42.5	47.3	44.5	62.5	
Average Test Time =	49.2				

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OS Platform : Microsoft Windows NT Version 6.1 (x86)
 AutoCAD version : 18.0s
 Graphics Window size : 1828x922 pixels
 Test Date (Time) : 05-07-10 (4:29pm)
 Computer Brand : selfbuild
 CPU Type : AMD 945 C3
 System RAM : 4GB DDR3-1333
 Graphics Card : FX580
 Graphics Card driver : 191.78
 Number of Test Loops : 1
 Comment : nv3d

Drawing (3D)====>>	c2010_5	c2010_6	c2010_7	c2010_8		
Drawing (2D)====>>	c2010_1	c2010_2	c2010_3	c2010_4	Test Index	

Rotate Wireframe (3D) :	230	192	161	282	207	
Rotate Hidden (3D) :	744	708	974	548	713	
Rotate Conceptual (3D) :	750	692	978	536	706	
Rotate Realistic (3D) :	388	413	290	602	396	
2D Array/save (Disk) :	90	82	86	79	84	
DXFout (Disk) :	220	263	279	162	221	
Save Drawing (Disk) :	106	86	88	81	89	
Calculations (CPU) :	206	207	208	204	206	
Ortho lines (2D) :	409	314	540	353	388	
Radial plines (2D) :	345	276	455	309	335	
Text and Blocks (2D) :	121	120	152	129	129	
Erase/Zoom (2D) :	157	154	227	225	184	

Individual Dwg Index	263	250	297	253		

 C2010 Total Index = 258

 3D Graphics Index = 505
 2D Graphics Index = 214
 Disk Index = 109
 CPU Index = 206

(Single Loop Time = 25 min)

***** Test Data: Actual Times (sec)

Drawing====>>	1st Dwg	2nd Dwg	3rd Dwg	4th Dwg	Test (avg)

Rotate Wireframe (3D) :	22.1	34.9	16.7	73.1	36.7
Rotate Hidden (3D) :	14.4	18.2	11.5	78.3	30.6
Rotate Conceptual (3D) :	14.3	18.6	11.4	80.2	31.1
Rotate Realistic (3D) :	23.1	33.3	26.8	99.3	45.6
2D Array/save (Disk) :	33.2	33.7	33.9	35.1	34.0
DXFout (Disk) :	18.6	17.1	11.3	25.9	18.2
Save Drawing (Disk) :	26.4	30.2	32.9	33.9	30.9
Calculations (CPU) :	19.0	18.9	19.0	19.0	19.0
Ortho lines (2D) :	26.9	25.7	24.2	20.6	24.3
Radial plines (2D) :	26.7	29.6	17.3	29.0	25.7
Text and Blocks (2D) :	27.8	25.9	33.7	30.3	29.4
Erase/Zoom (2D) :	48.7	50.6	32.7	31.9	41.0

Average Test Time By DWG =	25.1	28.1	22.6	46.4	
Average Test Time =	30.5				

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OS Platform : Microsoft Windows NT Version 6.1 (x64)
 AutoCAD version : 18.1s
 Graphics Window size : 1855x901 pixels
 Test Date (Time) : 05-08-10 (7:42pm)
 Computer Brand : HP Z600
 CPU Type : 2x Intel Xeon E5530 2,4 Ghz
 System RAM : 16 GB
 Graphics Card : Nvidia QuadroFX 1800
 Graphics Card driver : ...
 Number of Test Loops : 1
 Comment : ...

Drawing (3D)====>>	c2010_5	c2010_6	c2010_7	c2010_8	Test Index
Drawing (2D)====>>	c2010_1	c2010_2	c2010_3	c2010_4	
Rotate Wireframe (3D) :	429	379	334	300	354
Rotate Hidden (3D) :	681	677	1070	589	717
Rotate Conceptual (3D) :	681	722	1070	595	731
Rotate Realistic (3D) :	382	220	243	800	319
2D Array/save (Disk) :	119	126	125	116	121
DXFout (Disk) :	265	368	366	229	294
Save Drawing (Disk) :	145	129	128	115	128
Calculations (CPU) :	181	187	188	181	184
Ortho lines (2D) :	353	306	452	316	348
Radial plines (2D) :	200	170	306	189	206
Text and Blocks (2D) :	107	111	124	102	110
Erase/Zoom (2D) :	172	165	231	220	193

 Individual Dwg Index 264 254 313 266

C2010 Total Index = 263

 3D Graphics Index = 530
 2D Graphics Index = 182
 Disk Index = 154
 CPU Index = 184

(Single Loop Time = 25 min)

***** Test Data: Actual Times (sec)

Drawing====>>	1st Dwg	2nd Dwg	3rd Dwg	4th Dwg	Test (avg)
Rotate Wireframe (3D) :	11.9	17.7	8.1	68.8	26.6
Rotate Hidden (3D) :	15.7	19.0	10.5	72.9	29.5
Rotate Conceptual (3D) :	15.7	17.9	10.5	72.2	29.1
Rotate Realistic (3D) :	23.4	62.5	32.0	74.8	48.2
2D Array/save (Disk) :	25.2	21.9	23.4	24.0	23.6
DXFout (Disk) :	15.4	12.2	8.6	18.3	13.6
Save Drawing (Disk) :	19.4	20.0	22.5	23.9	21.5
Calculations (CPU) :	21.5	21.0	21.0	21.3	21.2
Ortho lines (2D) :	31.1	26.3	29.0	23.0	27.4
Radial plines (2D) :	46.0	48.1	25.8	47.4	41.8
Text and Blocks (2D) :	31.5	28.0	41.5	38.2	34.8
Erase/Zoom (2D) :	44.5	47.5	32.2	32.6	39.2

Average Test Time By DWG =	25.1	28.5	22.1	43.1	
Average Test Time =	29.7				

CADALYST Systems Benchmark 2010
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OS Platform : Microsoft Windows XP Professional x64 Edition Version 2003 SP2
 AutoCAD version : 18.1s
 Graphics Window size : 1596x898 pixels
 Test Date (Time) : 05-14-10 (10:38am)
 Computer Brand : Dell OPTIPLEX 960 MT
 CPU Type : Intel Core 2 Duo E8400 @3.00GHz
 System RAM : 7,87 GB
 Graphics Card : ATI Radeon HD 4650
 Graphics Card driver : 8.591.0.0
 Number of Test Loops : 1
 Comment : ---

Drawing (3D)====>>	c2010_5	c2010_6	c2010_7	c2010_8	
Drawing (2D)====>>	c2010_1	c2010_2	c2010_3	c2010_4	Test Index

Rotate Wireframe (3D) :	155	79	107	299	126
Rotate Hidden (3D) :	620	622	941	555	657
Rotate Conceptual (3D) :	619	643	927	563	664
Rotate Realistic (3D) :	120	165	88	689	147
2D Array/save (Disk) :	74	75	88	74	77
DXFout (Disk) :	268	188	234	114	181
Save Drawing (Disk) :	90	73	88	72	80
Calculations (CPU) :	216	215	226	222	220
Ortho lines (2D) :	469	395	568	433	458
Radial plines (2D) :	328	248	436	299	315
Text and Blocks (2D) :	152	166	186	164	166
Erase/Zoom (2D) :	250	245	339	317	282

Individual Dwg Index	238	231	294	275	

 C2010 Total Index = 246

 3D Graphics Index = 398
 2D Graphics Index = 268
 Disk Index = 97
 CPU Index = 220

 (Single Loop Time = 28 min)

***** Test Data: Actual Times (sec)

Drawing====>>	1st Dwg	2nd Dwg	3rd Dwg	4th Dwg	Test (avg)

Rotate Wireframe (3D) :	32.7	85.2	25.1	69.1	53.0
Rotate Hidden (3D) :	17.3	20.7	11.9	77.4	31.8
Rotate Conceptual (3D) :	17.3	20.0	12.1	76.3	31.4
Rotate Realistic (3D) :	74.6	83.3	88.6	86.9	83.4
2D Array/save (Disk) :	40.7	36.7	33.1	37.6	37.0
DXFout (Disk) :	15.3	23.8	13.4	36.9	22.3
Save Drawing (Disk) :	31.2	35.4	32.6	38.0	34.3
Calculations (CPU) :	18.1	18.2	17.4	17.5	17.8
Ortho lines (2D) :	23.5	20.4	23.0	16.8	20.9
Radial plines (2D) :	28.1	32.9	18.1	30.0	27.3
Text and Blocks (2D) :	22.3	18.7	27.6	23.8	23.1
Erase/Zoom (2D) :	30.5	32.0	21.9	22.6	26.7

Average Test Time By DWG =	29.3	35.6	27.1	44.4	