

Sheet1

Performance Tests: 24-Bit Graphics Adapters

Graphics Performance Tests For Microsoft Windows, Version 3.0 Lower scores represent better performance.	Aligned BitBlt Average Time (milliseconds)	Nonaligned BitBlt Average Time (milliseconds)	Screen-to- Screen BitBlt Average Time (milliseconds)	Memory-to- Screen BitBlt Average Time (milliseconds)
1,024-by-768 Resolution, 16.8 Million Colors				
TrueVision 1024-32	24.92	24.86	51.81	52.19
MonaLisa 24-Bit Color Display Board	23.95	23.83	73.92	87.85
RasterOps ColorBoard 1024MC Display Adapter	22.86	22.86	250.22	275.72
Impression/AT-S True-Color Graphics Controller	7.53	7.75	24.10	39.46
Truc	6.21	6.34	10.45	29.14
640-by-480 Resolution, 16.8 Million Colors				
TrueVision 1024-32	24.85	24.57	51.67	51.99
MonaLisa 24-Bit Color Display Board	24.22	24.20	75.41	89.25
Everex Viewpoint TC	N/A	N/A	N/A	N/A
1,024-by-768 Resolution, 16 Colors				
Everex Viewpoint TC	74.97	102.22	139.24	78.91
MonaLisa 24-Bit Color Display Board	24.19	74.93	108.16	66.13
TrueVision 1024-32	24.05	78.95	105.61	64.66

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Random Rectangles Average Time (milliseconds)	Dialog Boxes Average Time (milliseconds)	Aligned- Text Scroll Average Time (milliseconds)	Nonaligned- Text Scroll Average Time (milliseconds)	Rectangular Clipping Elapsed Time (milliseconds)
4.13	366.95	32.74	32.74	3.08
7.95	372.10	31.74	31.76	2.76
10.19	1090.05	53.85	53.62	12.30
1.05	392.48	13.59	13.89	3.47
3.42	275.46	11.27	11.45	3.70
2.54	364.89	25.09	25.04	2.84
2.97	319.95	19.64	19.60	2.34
18.44	1004.54	183.96	184.21	9.38
9.40	380.83	61.35	66.97	3.56
11.07	473.88	75.20	75.57	2.76
10.90	440.55	75.17	75.51	2.61