

Sheet1

Performance Tests: Super VGA Adapters

VGA PERFORMANCE TESTS

(Higher scores represent better performance)

	Move Full-Screen Text (16-Bit) (kilocharacters per second)	Unscrolled- Text BIOS Write (kilocharacters per second)	Scrolled-Text BIOS Write (kilocharacters per second)	640-by-480 Fill (16-Bit) (megapixels per second)
Diamond SpeedSTAR HiColor VGA	3597.44	240.85	33.03	62998.43
Micro Express VGA/72 Hz	3575.35	3.23	2.83	62783.31
United Ultra-Image HiColor	3573.05	9.8	7.64	62537.46
Orchid ProDesigner IIs	3568.63	9.17	7.36	62414.54
Micro-Labs Ultimate VGA/HiColor	3566.71	9.69	7.6	62537.46
SOTA LightningVGA	3559.99	12.73	9.6	62537.46
Prism Excelsior	2449.64	9.26	7.24	42500.89
Focus 2 the Max VGA 4000	2448.49	9.74	7.28	42500.89
Everex VRAM VGA	2444.26	17.67	11.94	42500.89
SigmaVGA Legend	2444.07	18.82	13.06	42439.43
Boca SuperVGA	2443.88	3.18	2.82	42500.89
Cardinal VGA732	2443.88	3.21	2.77	42500.89
STB PowerGraph Ergo-VGA	2443.88	18.91	12.34	42500.89
ATI VGAWonder XL	2389.52	13.25	9.6	25260.83
ATI VGA Integra	1946.04	11.08	7.52	24584.75
Video Seven VRAM II	1567.47	44.18	16.21	25752.53
PCGC Photon Ultima Turbo	1375.02	16.62	9.89	9987.56
* Compaq Deskpro 386/25e	1346.17	28.7	13.72	22280
Trident Impact III	1345.25	16.62	9.89	10294.87
Desktop Quikdraw VGA	1097.1	51.86	15.92	23908.67
Ahead VGA Wizard/Deluxe 5.0	1060.6	2.4	2.42	23908.67
Genoa SuperVGA 6400VC	720.45	2.42	2.01	7344.69

640-by-480 Screen- to-Screen BitBlt (megapixels per second)	320-by-200 Fill (16-Bit) BitBlt (megapixels per second)	320-by-200 Screen- to-Screen BitBlt (megapixels per second)
5116.7	7970.84	2227.99
5093.65	7970.84	2498.49
5024.51	7970.84	2226.39
5116.7	7970.84	2224.79
5024.51	7970.84	2226.39
5124.38	7970.84	2226.39
5032.19	5320.29	1957.5
4955.36	5320.29	1744.62
5062.92	5320.29	1944.69
5032.19	5320.29	1927.09
5124.38	5320.29	1957.5
5009.14	5320.29	1957.5
5116.7	5320.29	1959.1
11355.08	5083.41	1691.8
10225.72	5096.21	1485.33
8742.95	3316.38	1163.61
4916.95	3028.28	1346.08
9840	3830	1360
4901.59	3009.07	1370.09
10087.43	3681.31	1477.33
8596.98	2996.27	1077.18
3664.67	1568.56	737.86