

VGA Performance Tests

Test Scores (kilocharacters)

Move Full- Screen Text (8-Bit)

* ATI VGAWonder XL Plus	1213.49
ATI Graphics Ultra	1206.96
ATI Graphics Vantage	1206.77
Hornet Rapix I	769.04
Diamond Stealth VRAM	753.87
Artist Graphics	737.93
WinSprint 100	
Portacom Eclipse II	723.91
CSS Maxgraphics/16	576.21
Pixel Turbo Windows Accelerator	530.49
STB Wind/X	528.76
Genoa WindowsVGA	524.92
Actix GraphicsEngine	499.76
Display Accelerator	
Orchid Fahrenheit	478.25
	1280
Glad UltraView	354.17

per second)

Move Full-Screen Text (16-Bit)	Unscrolled-Text BIOS Write	Scrolled-Text BIOS Write	
	2379.15	3.8	1.19
	2234.72	41.49	16.81
	2233.56	41.49	16.81
	1522.53	4.53	3.68
	1489.11	233.75	21.01
	1458.76	60.89	18.11
	1433.98	9.55	6.89
	1160.09	9.55	6.5
	1040.05	3.1	2.55
	1036.4	5.51	0.72
	1031.22	2.87	2.36
	986.08	9.55	6.2
	948.24	9.55	6.07
	354.37	29.42	6.17

Test Scores (megapixels per second)

640-by-480 Fill (16-Bit)	640-by-480 Screen-to- Screen BitBlt	320-by-200 Fill (16-Bit)	
	25.2	4.86	5.06
	24.58	10.23	4.78
	24.55	10.23	4.78
	15.12	5.74	3.29
	13.25	5.22	1.61
	23.94	10.09	3.68
	13.21	5.98	1.66
	11.55	5.23	1.45
	10.02	4.69	1.26
	10.08	4.4	2.38
	10.05	4.68	1.26
	9.62	4.48	1.21
	9.62	4.4	1.21
	5.9	2.92	0.74

320-by-200
Screen-to-
Screen
BitBlit

1.66

1.52

1.51

1.07

0.65

1.48

0.75

0.65

0.58

0.88

0.58

0.56

0.55

0.37