



Premio 845E Performance Report

Testing Platform

System	Premio 845E
Chipset	Intel 845E
BIOS version	AMI version 5.30 – 07/04/2002
Processors	Intel Pentium 4 (Northwood core w/ 512K L2 cache @ 533MHz FSB)
Memory	1.0GB (2 x Kingston 512MB PC2100)
Soundcard	Onboard Avance ALC2xx
Network Adapter	Onboard Intel
HDD Controller	Onboard ATA100
HDD	WD 80BG / 7,200RPM
CDRW/ROM	Sony 52X
Video card	nVidia Quadro4 900XGL 128MB with nVidia 29.42 drivers
Operating system	Windows XP Professional build 2600 (NTFS)
Benchmarks	Ziff Davis Business Winstone 2001 Version 1.0.2 Ziff Davis Content Creation Winstone 2002 Version 1.0

Performance Results

Benchmark	Video Mode	2.26	2.40B	2.53	2.66	2.80	2.91 *
Business Winstone 2001	1024x768x32bit	56.2	62.2	63.6	65.5	66	67.1
Content Creation Winstone 2002	1024x768x32bit	37.6	39.0	39.6	41.3	42	43.8
Winbench 99 Highend GraphicsMarks	1024x768x32bit	1540	1630	1690	1790	1840	1920
Winbench 99 Business GraphicsMarks	1024x768x32bit	346	351	362	382	392	407
Winbench 99 Business DiskMarks	1024x768x32bit	7230	7490	7090	7350	3320	6200
Winbench 99 Highend DiskMarks	1024x768x32bit	15800	16600	15200	15100	12200	16500
Winbench 99 CPUmark99	1024x768x32bit	147	157	161	170	177	184
3Dmark2001 SE	1024x768x32bit	10810	11003	11089	11311	11450	11763
PCmark2002 – CPU	1024x768x32bit	5580	5915	6187	6554	6868	7126
PCmark2002 - Memory	1024x768x32bit	4790	4948	4883	5086	5254	5349
PCmark2002 - HDD	1024x768x32bit	677	692	719	689	720	701

* Overclocked from 2.80GHz / host bus from 133MHz to 138MHz / clock multiplier at 21x