



Premio K266 Performance Report

Testing Platform

System board	Premio K266 (MS-6380LE) version 3.0
Chipset	VIA Apollo KT266A
BIOS version	Award version 1.1B1 – 04/23/2002
Processors	AMD Athlon XP/1900+ (1.60GHz), 2000+ (1.67GHz), and 2100+ (1.73GHz)
Memory	512MB (2 x Kingston 256MB DDR333)
HDD Controller	Onboard ATA-100
HDD	Samsung SP2001H 20GB 7,200RPM/ATA-100
CD-ROM	Mitsumi 54X ATAPI
Video card	eVGA e-GeForce4 Ti 4600 128MB
Video driver	nVidia Detonator XP version 28.32
Sound	Onboard Avance AC97
Operating systems	Microsoft Windows XP Professional (NTFS) – System Restore disabled Microsoft Windows 2000 Professional SP2 (NTFS)
Benchmarks	Ziff Davis Winbench 99 version 1.0 Ziff Davis Business Winstone 2001 v1.0.2 Ziff Davis Content Creation 2002 Mad Onion 3DMark2001 SE Mad Onion PCMark2002
Other	Via 4-in-1 version 4.38V

Performance Results

Benchmarks (Operating System)	Video Mode	1900+ (1.60GHz)	2000+ (1.67GHz)	2100+ (1.73GHz)
3DMark2001 Second Edition (XP)	1024x768x32bit	9788	9928	10039
PCMark2002 – CPU (XP)	1024x768x32bit	4738	4913	5093
PCMark2002 – Memory (XP)	1024x768x32bit	2928	2971	2983
PCMark2002 – HDD (XP)	1024x768x32bit	927	945	965
Business Winstone 2001 (XP)	1024x768x32bit	49.0	51.1	52.1
Content Creation 2002 (XP)	1024x768x32bit	29.4	29.7	31.0
Winbench 99 Business GraphicsMarks (XP)	1024x768x32bit	243	256	263
Winbench 99 Highend GraphicsMarks (XP)	1024x768x32bit	1200	1240	1270
Winbench 99 Business DiskMarks (XP)	N/A	4520	4570	4600
Winbench 99 Highend DiskMarks (XP)	N/A	14200	14700	14300
Winbench 99 CPUMark 99 (XP)	N/A	143	147	153
3DMark2001 Second Edition (W2K)	1024x768x32bit	9907	9983	10105
PCMark2002 – CPU (W2K)	1024x768x32bit	4747	4922	5108
PCMark2002 – Memory (W2K)	1024x768x32bit	2851	2943	2920
PCMark2002 – HDD (W2K)	1024x768x32bit	847	851	840
Business Winstone 2001 (W2K)	1024x768x32bit	51.9	52.6	54.2
Content Creation 2002 (W2K)	1024x768x32bit	31.6	32.1	32.8
Winbench 99 Business GraphicsMarks (W2K)	1024x768x32bit	591	603	616
Winbench 99 Highend GraphicsMarks (W2K)	1024x768x32bit	1270	1310	1340
Winbench 99 Business DiskMarks (W2K)	N/A	4000	4000	3860
Winbench 99 Highend DiskMarks (W2K)	N/A	16200	15900	16100
Winbench 99 CPUMark 99 (W2K)	N/A	143	147	153