



The following table compares the standard WinBench 99 benchmark results with Shuttle, Inc. AV45GTR v1.3 system configuration.

	Win98 with X-Wall SE-64	Win98 without X-Wall SE-64
WinBench 99 Business Disk WinMark99 (Kbytes)	5690	5510
WinBench 99 Business Graphics WinMark99	5690	Error
WinBench 99 CPUmark99	102	102
WinBench 99 Disk Payback/Bus: Overall (Kbytes)	5690	5510
WinBench 99 Disk Playback/HE: AVS/Express 3.4 (Kbytes)	11800	11300
WinBench 99 Disk Playback/HE: FrontPage 98 (Kbytes)	106000	106000
WinBench 99 Disk Playback/HE: MicroStation SE (Kbytes)	19300	19000
WinBench 99 Disk Playback/HE: Overall (Kbytes)	20300	19900
WinBench 99 Disk Playback/HE: Photoshop 4.0 (Kbytes)	10000	9910
WinBench 99 Disk Playback/HE: Premiere 4.2 (Kbytes)	24200	24000
WinBench 99 Disk Playback/HE: Sound Froge 4.0 (Kbytes)	48000	48500
WinBench 99 Disk Playback/HE: Visual C++ 5.0 (Kbytes)	26800	26500
WinBench 99/FPU WinMark	5890	5890
WinBench 99/High-End Disk WinMark 99 (Kbytes)	20300	19900

	Win2000 with X-Wall SE-64	Win2000 without X-Wall SE-64
WinBench 99 Business Disk WinMark99 (Kbytes)	5300	5550
WinBench 99 Business Graphics WinMark99	429	436
WinBench 99 CPUmark99	103	103
WinBench 99 Disk Payback/Bus: Overall (Kbytes)	5300	5500
WinBench 99 Disk Playback/HE: AVS/Express 3.4 (Kbytes)	18400	17500
WinBench 99 Disk Playback/HE: FrontPage 98 (Kbytes)	95000	96900
WinBench 99 Disk Playback/HE: MicroStation SE (Kbytes)	27500	22800
WinBench 99 Disk Playback/HE: Overall (Kbytes)	15800	15000
WinBench 99 Disk Playback/HE: Photoshop 4.0 (Kbytes)	8680	8640
WinBench 99 Disk Playback/HE: Premiere 4.2 (Kbytes)	9420	9050
WinBench 99 Disk Playback/HE: Sound Froge 4.0 (Kbytes)	18900	17200
WinBench 99 Disk Playback/HE: Visual C++ 5.0 (Kbytes)	15000	14100
WinBench 99/FPU WinMark	5880	5880
WinBench 99/High-End Disk WinMark 99 (Kbytes)	15800	15000
WinBench 99/GDI Playback/HE/AVS/Express 3.4	271	271
WinBench 99/GDI Playback/HE/FrontPage 98	327	340
WinBench 99/GDI Playback/HE/MicroStation SE	16.2	16.7
WinBench 99/GDI Playback/HE/Photoshop 4.0	161	163
WinBench 99/GDI Playback/HE/Premiere 4.2	153	158
WinBench 99/GDI Playback/HE/Sound Forge 4.0	365	366
WinBench 99/GDI Playback/HE/Visual C++ 5.0	683	691
WinBench 99/High-End Graphics WinMark 99	819	842