

**TABLE 1—COMPARISON OF THE 1999 “HIGH-END” SYSTEM WITH SPIRIT**

	<b>1999 "high-end" system</b>	<b>Spirit</b>
<b>Dimensions (height×depth×width, in.)</b>	16×18×8	2.5×10.7×11.6
<b>Microprocessor</b>	550-MHz Intel Pentium III	1-GHz Via Nehemiah C3
<b>Core-logic chip set</b>	Intel 440BX	Via CLE266
<b>Motherboard</b>	Intel SE440BX-2	Via M10000
<b>DRAM</b>	768-Mbyte PC100 SDRAM	512-Mbyte DDR-266 (PC2100) SDRAM
<b>Sound</b>	Diamond Multimedia MX300 six-channel analog with S/PDIF (PCI)	Via six-channel AC'97 with S/PDIF (motherboard-resident)
<b>Graphics</b>	16-Mbyte 3dfx Voodoo 3500 (PCI), 32-Mbyte Creative Labs TNT2 Ultra (AGP)	Integrated Via/S3 UniChrome with unified- memory shared frame buffer (internal AGP)
<b>Hard-disk drive</b>	13-Gbyte 5400-rpm Western Digital ATA-66 with 2-Mbyte buffer	300-Gbyte Maxtor 5400-rpm ATA-133 with 2-Mbyte buffer
<b>DVD-ROM drive</b>	Hitachi GD-2500	Toshiba SD-R6112 (also supports CD and DVD writing)
<b>CD/RW drive</b>	Philips PCA460RW	
<b>Operating system</b>	Windows 98 Gold, DirectX 6.1	Windows XP Professional, DirectX 9.0b