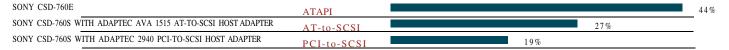
SCSI Relieves the CPU's Data-Transfer Burden

Ziff-Davis's new WinBench 96 CD-ROM tests showed the low CPU utilization SCSI drives afford. The CD-ROM WinMark 96 suite reports an indication of average throughput. We tested using a 16MB Gateway P5-133.

CD-ROM CPU UTILIZATION

WinBench 96 CPU utilization, measured in percent, shows that SCSI and PCI provide the least drain on your precious processor cycles.



OVERALLPERFORMANCE

A 6x CD-ROM and PCI-to-SCSI adapter offer best results, measured in thousands of bytes per second. A longer bar indicates better performance, up to a theoretical maximum throughput for that spin rate.

ACCESS TIME

Access time, measured in milliseconds, is a significant component of overall CD-ROM performance, as shown here. A shorter bar indicates better performance.

NEC MULTISPIN 6XE WITH ADAPTEC 2940 PCI-TO-SCSI HOST ADAPTER	R PCI-to-SCSI 6X	750 MAX	212
SONY CSD-760E	ATAPI 4X	600 MAX	226
SONY CSD-760S WITH ADAPTEC AVA 1515 AT-TO-SCSI HOST ADAPTER	AT-to-SCSI 4X	600 MAX	211
SONY CSD-760S WITH ADAPTEC 2940 PCI-TO-SCSI HOST ADAPTER	PCI-to-SCSI 4X	600 MAX	209
TOTTORI SANYO 4X THREE-CD CHANGER	ATAPI 4X	600 MAX	246