

# Now, Memorex fills the gap in your system's performance.

If your 100/200 MB removable disc storage subsystem isn't giving you all the performance you want; then Memorex's new 3770 Disc Cache could be just what you need.

It fits between your drives and controller, filling the gap in your system's performance by giving you faster data access and improved throughput.

Compare performance data for a 3770 Disc Cache Subsystem to a current 200MB Disc Storage Subsystem. For example, on the average, the time to access a full track of 13030 bytes

from the 3770 is:

Track seek time:  
0.1ms vs. 10ms,  
rotational delay:  
2.0ms vs. 8.3ms,  
and data transfer time:  
10.9ms vs. 16.7.

Thus, for data in the 3770 Disc Cache, significant increases in throughput at the channel level can be achieved. In fact, a 50% improvement in your data transfer rate is guaranteed when the Memorex® 3674 control unit is used.

Potential benefits from proper application of the 3770 can be less CPU wait time, less task switching, improved channel efficiency, reduced arm contention,

automatic space management, and better time sharing response.

And putting a 3770 to work for you is easy, because full software compatibility is maintained.

The Memorex 3770 Disc Cache works with IBM 370/135 and above, Amdahl 470 V/5 to V/7, Intel AS-4 to 6, and other compatible CPUs. In short, any CPU with a Memorex 3670/75 Disc Storage Subsystem.

The key to ultimate performance of your disc subsystem is Memorex's unique 3770 architecture and caching algorithm. These algorithms will be continually improved via microcode updates to meet your current

and future data base application requirements.

The Memorex 3770 Disc Cache. It can help achieve improved throughput without incurring the cost of converting to non-removable 317MB drives with the fixed head feature or to fixed head disc drives. And it gives you the potential of significantly improving your system's performance.

Your Memorex representative can give you all the information, offices in principal cities worldwide. Or contact, Disc Storage Subsystems, Mail Stop 14-49, San Tomas at Central Expressway, Santa Clara, CA 95052. (408) 987-1143

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