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CD-Blitz Overview :

CD-Blitz from Blitz 'n' Software, Inc., is a CD-ROM caching utility that can speed up seek time and data transfer rate by 40 times. The utility can be installed in just 30 seconds and uses only 13KB of either high or low memory (**You can set the /M option of MSCDEX from 15 to 4 after installation of the CD-Blitz. By reducing the /M setting from 15 to 4, you save 18KB of conventional memory. Please refer to the user manual on how to correctly set this option**). During installation the user can allocate the amount of available XMS (Extended Memory) memory as the cache buffer. **256KB is the minimum; 64MB is the maximum**. In addition, a windows control panel allows the user to toggle between MAX caching, MIN caching, NO caching & Reset. MAX caching will cache all data including directory read from CD-ROM, using intelligent "read-ahead" technique that anticipates the next move from operating system. MIN caching uses same "read-ahead" technique but caches just directory. MIN caching is recommended when the CD title is complicated and file size is huge (over than 1MB). Toggling to NO cache will disable cache function. Select Reset will flush the memory and free it for other purposes. Finally, CD-Blitz comes with 3 (three) benchmark utilities (CDst, CDWalk, CDread), which will help the users quantify their performance gains.



CD-Blitz System Requirement :

To run CD-Blitz, you would need to have:

IBM AT or 100% compatible with at least 256KB extended memory

CD-ROM Drives (AT-Bus, SCSI-Bus, Double-Speed)

MS-DOS 3.0 or later version

MS-Windows 3.0 or later version



CD-Blitz Cache Control :

MAX Cache Mode

Default if [size] of XMS memory is greater than 512KB during the process of installation. MAX cache mode caches all data including directory read from CD-ROM. This is OK if the CD title is not complicated and file size is not huge (less than 1MB).

MIN Cache Mode

Set to MIN Cache Mode if the CD title is complicated and file size is huge. MIN Cache Mode caches directory only. It recognizes ISO-9660 CD-ROM file volume structure (essential for the performance of CD-ROM drives) and caches directory only.

No Cache

Set to disable caching function

Reset CD-ROM cache

Flush cache



CD-Blitz Statistical Information :

Cache Size

It's the RAM that you have allocated as cache buffer from your available XMS memory when installed.

Total Read

It indicates how many sectors were supposedly read by DOS (usually through your applications) from your disk.

Saved Read

It indicates how many of those sectors were retrieved from the cache without accessing the physical disk.

Save Ratio

It's a ratio of Saved Read/Total Read, meaning the % of time the cache was able to prevent the physical disk from being accessed when a disk read was requested by DOS.



CD-Blitz Command Syntax :

- SETUP** : Install CD-Blitz
- CDBLITZ [size]** : Run CD-Blitz & allocate [size] KB of available
extended memory as cache, [size] from 256 to
: 65535 KB
- CDBLITZ /UN** : Unload & free memory to system
- CDBLITZ /?** : Get to help menu
- CDBLITZ /ST** : Show CD-Blitz status
- CDBLITZ /FLUSH** : Reset cache buffer
- CDBLITZ /ON** : Activate CD-Blitz
- CDBLITZ /OFF** : Disable CD-Blitz
- CDBLITZ /MAX** : Caching all data including directory. Default if [size]
: is
greater than 512KB
- CDBLITZ /MIN** : Directory caching only

