
Question

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Disk read speed single process vs summary disk speed

Running cache 5.0.21 64 bit on Windows server 2016 in virtual environment. Trying to understand why every single process disk read speed (simple sql data walks) caps around 20MB/s, however 2 parallel such tasks on different data areas can reach 19MB/s each, four - 17MB/s each, that is 70MB/s total, etc. Also simple copy file to nul on that system reach 400MB/s.

What can keep single query on idle system from reaching for example 200MB/s? Virtualization? Windows? Cache? Processors are below 1-3%

[#Performance](#) [#Cache](#)

Source URL: <https://community.intersystems.com/post/disk-read-speed-single-process-vs-summary-disk-speed>