

MinIO I/O Amplification Summary Table

Object Size	Amplification	Data %	Metadata %	Journal %	Total Overhead %
1B	114.7K×	274432.0%	274432.0%	114688.0%	389120.0%
10B	1.6K×	40960.0%	40960.0%	16384.0%	57344.0%
100B	1.1K×	139264.0%	139264.0%	114688.0%	253952.0%
1KB	16.0×	40960.0%	40960.0%	16384.0%	57344.0%
10KB	14.4×	159744.0%	200704.0%	106496.0%	307200.0%
100KB	4.2×	352256.0%	65536.0%	8192.0%	73728.0%
1MB	3.1×	2936832.0%	217088.0%	114688.0%	331776.0%
10MB	2.0×	20955136.0%	32768.0%	40960.0%	73728.0%
100MB	0.0×	122880.0%	122880.0%	131072.0%	253952.0%

Note: Amplification shows how many times the original data size is multiplied at the device layer.
Overhead % = Metadata % + Journal %