

Performance expectations

This page compares the native SQL Server backup and restore performance against similar operations performed by SQL Backup Pro.

The numbers shown here should be used only as a broad indicator of expected performance. The performance you can achieve using SQL Backup Pro depends upon your own setup, such as hard disk configuration and throughput. For details of how you can optimize the speed of your backups, see [Optimizing backup speed](#).

Results for a 22 GB database

This test was run on a four processor server with 6 GB of RAM. A single backup file was created using eight threads.

	Native backup	SQL Backup Pro (compression level 1)
Backup		
Speed	49.660 MB/sec	101.517 MB/sec
File size	19.781 GB	7.766 GB
Elapsed time	7 min 7 sec	3 min 29 sec
Restore		
Speed	17.447 MB/sec	43.465 MB/sec
Elapsed time	20 min 15 sec	8 min 9 sec

Results for a 306 GB database

This test was run on an eight processor server with 12 GB of RAM. A single backup file was created using sixteen threads.

	Native backup	SQL Backup Pro (compression level 1)
Backup		
Speed	83.849 MB/sec	164.274 MB/sec
File size	306.561 GB	115.746 GB
Elapsed time	7 min 7 sec	3 min 29 sec
Restore		
Speed	29.682 MB/sec	51.105 MB/sec
Elapsed time	184 min 50 sec	107 min 20 sec