

7 Zip Linux File Compressor Review

Open source Windows utility for manipulating archives



By <http://download7-zip.com/>

7-zip is getting preferred not only in the open-source community, but in other groups too. The rationale is obvious. What are the features you want from a ZIP compression/decompression program? Main features are high compression ratio, speed of compression, handy interface, several supported formats and reasonable price tag. 7-zip has all these features.

Yet WinZip and WinRAR are already pretty good programs, so is another compression software worth a try? For a lot of people the answer is price tag, and at \$0.00, 7-zip's price is cannot be beat. 7-Zip is open source software, meaning it is free to download and free to utilize. 7-zip is cross platform and supports all operating systems like Windows, Mac and Linux/Unix. 7-zip can even be used in a business environment with no sign up and without a fee. 7-zip's primary source code is under the GNU LGPL license, while a small portion of the unRAR code is within GNU LGPL and unRAR restrictions.

For newbies, compression programs are used to extract and create archives. Compressed documents are called archives. Why is it necessary to shrink files? Compression converts a number of data into a single file, which takes up way less disk space than the primary files. This means that documents are uploaded, downloaded and transferred faster. Encryption (password protection) is also feasible with data compression programs. Some files can be encoded to guard the data.

Very high compression ratio. 7-zip uses LZMA and LZMA2 compression to 7z format and has powerful AES-256 encryption in 7z and ZIP formats. 7z documents are also self-extracting.

Support for many formats. 7z, XZ, BZIP2, GZIP, TAR, ZIP and WIM formats can be packed and decompressed by 7-zip, while the following formats can only be decompressed: ARJ, CAB, CHM, CPIO, CramFS, DEB, DMG, FAT, HFS, ISO, LZH, LZMA, MBR, MSI, NSIS, NTFS, RAR, RPM, SquashFS, UDF, VHD, WIM, XAR and Z.

Languages supported. On top of the default English, 7-zip also supports 79 other languages.

Open source. 7-zip's source code can be utilized to create a more effective product and it can be mixed with the code of other open-source data compression software.

Other functions. 7-zip also has a built in file manager, command line version and plug-in for FAR Manager.

Is 7-zip the most effective compression program? Before we examine evaluations, understand that compression ratio overall results are dependent on numerous factors. Information utilized in the experiment is the principal factor. Different files (photos, documents, movie and audio files) produce distinctive data compression outcomes.

By looking at studies performed on various data by 7-zip and other evaluators, compression results were nearly identical. 7-zip compressed 15,684,168 bytes (161 files) into 6,222,627 bytes (ZIP format), with a compression ratio of 135 percent. With similar file, WinZip 10.0 beta, WinRAR 3.50 and CABARC 5.1 provided 114 percent, 109 percent and 111 percent compression ratios respectively. 7-zip also compressed document files 0.2 percent better compared to WinZip. WinZip's advantage is with JPEG compression, however, producing 20 percent compression ratio.

We can correctly conclude that [7 Zip Download](#) typically compresses to 7z format 30-70 percent better than to .zip format. It also compresses to .zip format 2-10 percent far better than the majority of .zip compatible applications such as PKZip and WinZip. And for \$0.00, that's just super performance.