

WinHex

Developer(s)	X-Ways
Stable release	19.9 / November 14, 2019; 3 months ago
Operating system	Windows
Type	Hex editor
License	Proprietary commercial software
Website	www.winhex.com/winhex/

WinHex is a commercial [disk editor](#) and universal [hexadecimal](#) editor ([hex editor](#)) used for [data recovery](#) and [digital forensics](#).^{[1] [2]}

WinHex, made by X-Ways Software Technology AG of [Germany](#), is a software application that can be used as an advanced hex editor, a tool for data analysis, editing, and recovery, a data wiping tool, and a forensics tool used for evidence gathering. Customers using WinHex include academics and forensics practitioners^[3], the Oak Ridge National Laboratory, Hewlett Packard, National Semiconductor, law enforcement agencies, and other companies with data recovery and protection needs.^[4]

WinHex, compatible with [Windows XP](#) through [Windows 10](#)^[5], offers the ability to:^[6]

1. Read and directly edit hard drives (FAT and NTFS), floppy disks, CD-ROMs, DVDs, Compact Flash cards, and other media
2. Read and directly edit RAM
3. Interpret 20 data types
4. Edit partition tables, boot sectors, and other data structures using templates
5. Join and split files
6. Analyze and compare files
7. Search and replace
8. Clone and image drives
9. Recover data
10. Encrypt files (128-bit strength)
11. Create hashes and checksums
12. Wipe drives

Forensics features with a Specialist license^[7] include the ability to:^[6]

1. Gather free and slack space
2. Search for text based on keywords
3. Create tab-delimited tables of drive contents. These tables can be imported into a spreadsheet such as Microsoft Excel and sorted