

Tenon – Backup. Safe, secure, simple.

Datasheet

Tenon GmbH

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About Tenon

- modern state of the art backup solution focusing on safety, security and privacy
- secure: data never leaves your computer unencrypted (client-side zero-access encryption), backups are safe against manipulation (ransomware protection)
- efficient: highly efficient data deduplication and compression
- high performance: fast backups, fast restore (recovery of complete snapshots as well as single files and folders)
- data storage in Austria (storage locations in Germany and Switzerland available on request)

Products

Tenon Professional

- ideal for independent professionals and small businesses
- 1TB storage (after deduplication and compression)
- 100€ per month (excluding sales tax)
- more storage can be added in 1TB increments for 100€/TB per month (excluding sales tax)
- support via email
- supported platforms: Windows, macOS, GNU/Linux, FreeBSD, OpenBSD (see “Platform support”)

Tenon Enterprise

- ideal for medium and large businesses
- priority support via email or phone
- custom SLAs available
- custom integrations
- on-premises solutions available
- price upon request
- for more information, contact sales@tenon-backup.com

Technical specifications

Zero-access encryption

- when setting up your backup repository, an encryption key is created on your computer; your encryption key never leaves your computer
- your encryption key is used to encrypt all data and metadata using XChaCha20-Poly1305 authenticated encryption on the client side; your data never leaves your computer unencrypted
- nobody can ever access your data without your personal encryption key¹

Ransomware protection

- revision-safe archiving: data is safe against ransomware and manipulation
- key-level access controls:
 - safe access (append-only) key is created when setting up a backup repository
 - safe access keys prevent attackers from manipulating or deleting existing backups
 - full access can be granted to existing keys via the portal if necessary
 - full access is only needed for administrative purposes, such as pruning old backups

Efficient storage

- efficient storage of backups, only unique data is saved
- all data is deduplicated and compressed before encryption
- chunk-wise data deduplication for files as well as snapshots (Content Defined Chunking via Rabin Fingerprints, BLAKE3 hashes for chunk identification)
- efficient high-performance compression (Zstandard)
- sparse file support enables efficient backup and restore of VM images

Platform support

- supported platforms: macOS, Windows, GNU/Linux, FreeBSD, OpenBSD
- support for platform specific file attributes such as ACLs, extended attributes, etc.
- Windows: support for Volume Shadow Copies (VSS)²

Regulatory compliance

- backups are always encrypted on the client side before leaving your devices; neither we nor third parties can ever access your data
- apart from your encrypted backups, we only store data that is absolutely needed for accounting and operations
- data is only stored in Austria (storage in Germany and Switzerland available on request)
- for GDPR/DSGVO reports, contact us at privacy@tenon-backup.com

¹Since no one – including us – can access your data without your encryption key, we recommend you print a copy of your encryption key and keep it in a safe place as an additional safeguard against data loss.

²VSS support enables backups of locked files and consistent backups of services such as Microsoft SQL Server.