

Silent Cubes

Energy-Saving Long-Term Storage

Configurations

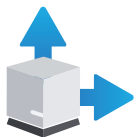


For Permanent Data: Silent Cubes Long-Term Storage



Security

WORM Hardware | Four Redundancies | Three Hard Disk Manufacturers | Internal Digital Audit



Modularity

Scalable up to Petabytes | Allows for 19 Inch Rackmount | Software for Replication Included



Cost/Benefit

Below 2 Watts in Standby | Low Costs, Minimum Expense | Certified for Revision-Safe Storage

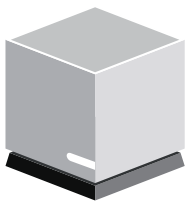


Service

On-Site Service by Eurebis AG | Hardware Exchange with Full Data Preservation | Monitoring

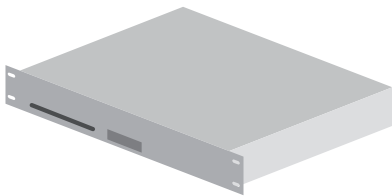
Components and Options

Silent Cube Storage Unit

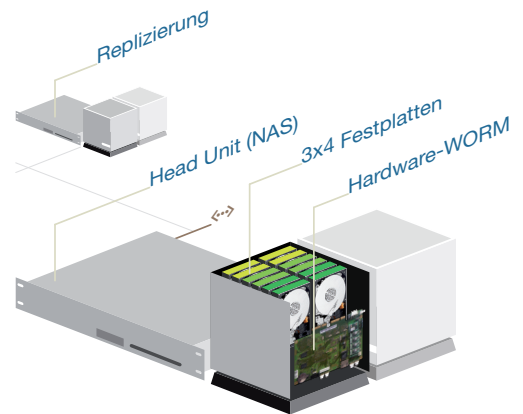


- Permanent hard disk memory
- Capacity: 12 or 6 terabyte gross (8 or 4 terabyte net)
- 12 hard disks (4 each from three different manufacturers), quadruple redundancy via Erasure Resilient Coding
- WORM sealing against deletions and changes at the lowest hardware level
- Second power unit for redundant power supply
- Less than 2 watts in standby mode
- Gigabit Ethernet connection to the Head Unit
- Half 19-inch width, 6 U

Head Unit



- Network storage (NAS) with 2 terabyte internal cache (1 terabyte net, RAID Level 1)
- Manages up to 128 storage units with configurable virtual volumes and access rights
- Connects via SMB/CIFS (with Active Directory Support), NFS access and SCP
- Comprises functions for asynchronous replication and secure data transfer to new hardware
- High availability mode (cluster) for local replication
- Guaranteed full recovery of data from connected storage units

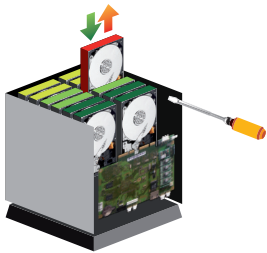


Compliance Option



- Supports revision-safe storage (e.g. compliant with such guidelines as GDPdU, GoBS, RöV, etc.) in Germany, Austria and Switzerland
- Identity verification by 512-bit SHA-2 hash coding
- Variable retention periods can be permanently established

Service Contract



- Local monitoring of all components
- Email reports to FAST LTA
- On-site service for hardware replacement with 0% data loss
- All software updates included
- All replacement parts (hard disks, etc.) included
- 5-year+ terms
- Optional: 24/7 availability

Installation/Service

- Installation, On-Site Service

Option: Rack Shelf

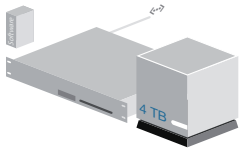
- Adjustable depth from 685 to 1.100 mm
- Up to 4 or 6 Silent Cubes per shelf (depending on depth of the rack)

To mount more than one Storage Unit to a Head Unit, for replication and for connection to LAN, a (Gigabit) ethernet switch is required (not included in pricing).

UPS, switches, cabling available upon request (not included in pricing). Remote Hosting available upon request.

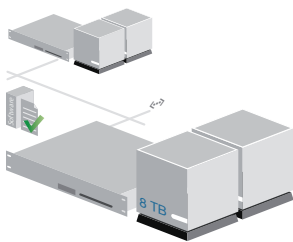
Sample Configuration

Minimum Configuration, 6 TB (4 TB net)



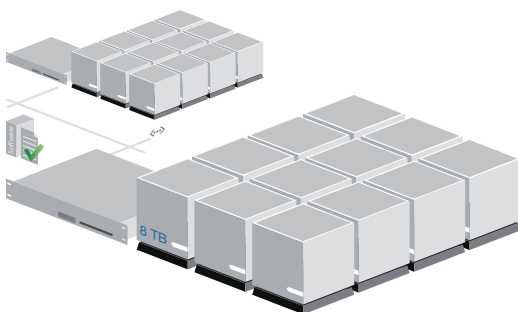
- 1 TB Cache, 4 TB long-term storage (net)
- Head Unit (NAS) with Cube Manager Software
- Storage Unit 6/4 Terabyte
- plus service contract

Middle Configuration with Replication, 48 TB (2x 16 TB netto)



- 2x 1 TB cache, 2x 16 TB long-term storage (net), local or remote replication, automatic site failover mode with local replication, Compliance Option for revision-safe storage
- 2x Head Unit (NAS) with Cube Manager Software
- 4x Storage Units 12/8 Terabyte
- 1x Compliance Option
- plus service contract

Big Configuration with Replication, 288 TB (2x 96 TB netto)



- 2x 1 TB Cache, 2x 96 TB long-term storage (net), local or remote replication, automatic site failover mode with local replication, Compliance Option for revision-safe storage
- 2x Head Unit (NAS) with Cube Manager Software
- 24x Storage Units 12/8 Terabyte
- 6x Rack shelves for 4 Silent Cubes each
- 1x Compliance Option
- plus service contract

Service contract mandatory for every installation.

1 Terabyte= 10¹² Byte =
1.000.000.000.000 Byte

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