

# Tape

has been used for 50 years

based on cartridges

2013: up to 8.5 TB per  
cartridge (StorageTek T10000 T2)

slow random access time due to  
winding: approx 100 sec

high bandwidth: up to 100 MB/sec

good for archival/backup storage





# Tape Library/Tape Jukebox

= cartridge library + loading robot

may hold several 100,000 cartridges

up to 100 Petabyte storage  
(uncompressed)

slow random access:

fetch cartridge (several seconds)

winding (about 100 sec)

good for infrequent yet near-line  
access to archive





# Credits and Copyrights

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Austinmurphy at en.wikipedia

<http://en.wikipedia.org/wiki/File:LTO2-cart-purple.jpg>

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Austin Mills from Austin, TX, USA

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