

Ethereum Storage

[Return to Glossary](#)

Ethereum Storage (or **Storage**) is a key/value store where keys and values are both 32 bytes. It is sparse (like a hash table), and there are no inherent gas savings from having two 32 byte values next to each other. Storing one of the values at key 1 and the other at key 1000, costs the same amount of gas as storing them at key 1 and key 2. (Gas savings from packing storage are still possible, such as fitting 2 **uint128** values within a single key, instead of using 2 keys.)

Source:

<https://ethereum.stackexchange.com/questions/1232/difference-between-memory-and-storage/1235>

From:

<https://www.omgwiki.org/dido/> - **DIDO Wiki**

Permanent link:

https://www.omgwiki.org/dido/doku.php?id=dido:public:ra:xapend:xapend.a_glossary:e:ethereum_storage&rev=1640755343

Last update: **2021/12/29 00:22**

