

Bitcoin Block Structure: 80-Byte Header

BLOCK HEADER (80 bytes)

Version

4 bytes

Protocol version

Prev Block Hash

32 bytes

Link to parent

Merkle Root

32 bytes

Transaction summary

Timestamp

4 bytes

Block creation time

Difficulty

4 bytes

Mining target

Nonce

4 bytes

Mining solution

BLOCK BODY (Variable size)

Tx 1

Tx 2

Tx 3

Tx 4

Tx 5 ...