



Please first read through the Nexus Docs.

Mainnet Datasheet

Latest versions

Consensus client: [nexus v1.0.3](#)

Execution client: [nexus-geth v1.0.1](#)

Active fork

`Belgrade` fork from block height `0`.

Consensus Bootnode

"The enode address of the consensus bootnode."

```
/ip4/16.16.150.39/tcp/1482/p2p/16Uiu2HAm51JUpVZG4uD3DFbmdintAaWVsmwU5
```

Execution Bootnode

"The enode address of the execution bootnode."

```
enode://8813545def84314d15a22d81a61fa384cd97a8d6831c1b148ebfc2ca2fed5
```

Supported EVM version

"The named version of the EVM."

Cancun

Chain ID

"Unique identifier of the chain used for EIP-155 replay protection."

```
`9069`
```

Consensus Client Configuration

```
block_time_s: 5
execution_genesis_hash: "0x70dc3e0d3e95c481b8afb1c81564d9c73bd8c501f4
...
```

Consensus Client Genesis

```
// consensus-genesis.json
{
```

```

"name": "nexus",
"genesis": {
  "nonce": "0x0000000000000000",
  "timestamp": "0x0",
  "extraData": "0x0000000000000000000000000000000000000000000000000000000000000000",
  "gasLimit": "0x500000",
  "difficulty": "0x1",
  "mixHash": "0x0000000000000000000000000000000000000000000000000000000000000000",
  "coinbase": "0x0000000000000000000000000000000000000000000000000000000000000000",
  "alloc": {},
  "number": "0x0",
  "gasUsed": "0x70000",
  "parentHash": "0x0000000000000000000000000000000000000000000000000000000000000000",
},
"params": {
  "forks": {
    "homestead": 0,
    "byzantium": 0,
    "constantinople": 0,
    "petersburg": 0,
    "istanbul": 0,
    "EIP150": 0,
    "EIP158": 0,
    "EIP155": 0,
    "Belgrade": 0
  },
  "chainID": 9069,
  "engine": {
    "ibft": {
      "epochSize": 100000,
      "type": "PoA",
      "validator_type": "ecdsa"
    }
  },
  "blockGasTarget": 0
},
"bootnodes": [
  "/ip4/16.16.150.39/tcp/1478/p2p/16Uiu2HAm51JUpVZG4uD3DFbmdint
]
}

```

Execution Client Genesis

```
// execution-genesis.json
{
  "config": {
    "chainId": 9069,
    "homesteadBlock": 0,
    "daoForkSupport": true,
    "eip150Block": 0,
    "eip155Block": 0,
    "eip158Block": 0,
    "byzantiumBlock": 0,
    "constantinopleBlock": 0,
    "petersburgBlock": 0,
    "istanbulBlock": 0,
    "muirGlacierBlock": 0,
    "berlinBlock": 0,
    "londonBlock": 0,
    "arrowGlacierBlock": 0,
    "grayGlacierBlock": 0,
    "shanghaiTime": 1725148800,
    "cancunTime": 1725148800,
    "pragueTime": 17251488000,
    "terminalTotalDifficulty": 0,
    "terminalTotalDifficultyPassed": true
  },
  "nonce": "0x0",
  "timestamp": "0x6888B366",
  "extraData": "0x0000000000000000000000000000000000000000000000000000000000000000",
  "gasLimit": "0x1c9c380",
  "difficulty": "0x1",
  "mixHash": "0x0000000000000000000000000000000000000000000000000000000000000000",
  "coinbase": "0x000000000000000000000000000000000000000000000000",
  "alloc": {
    "0x3f0816d359588ddB29a5ebF44cA9bbe7094c26F9": {
      "balance": "0x9B18AB5DF7180B6B80000000"
    }
  }
}
```

```
  },  
  "number": "0x0",  
  "gasUsed": "0x0",  
  "parentHash": "0x0000000000000000000000000000000000000000000000000000000000000000",  
  "baseFeePerGas": null,  
  "excessBlobGas": null,  
  "blobGasUsed": null  
}
```

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