Public API Document v1.2

Introduction

This document outlines only the Public API endpoints.

We try to and will continue to maintain these endpoints in terms of uptime, availability and data accuracy. In the event of any problems with these API endpoints please connect with us on support@nestex.one or via our discord at https://discord.gg/CB3SaR7WuM

For more information, please refer to the following section:

All data is in JSON format. Rate limits for public API are kept in the range of 10 hits per minute, and short-term (30 second) caching is activated to reduce the load on our database.

Note for numeric values: Several users consuming this API via Javascript (nodejs or suchlike) have complained about the values appearing distorted. We will henceforth put all numeric values in double quotes i.e. treat as a string, which prevents the automatic conversion that Javascript does.

Please consume these API mindfully.

A. Spot Exchange API

Endpoints Overview

No.	Endpoint	Description
A.1.	/tickers	Market related statistics for all markets for the last 24 hours.
A.2.	/orderbook	Order book depth of any given trading pair, split into two different arrays for bid and ask orders.
A.3.	/tradebook	Trade book of any given trading pair, paginated 100 entries per page, maximum of 100 pages (roughly a months worth of data based on our current volumes).

Endpoint 1 - /tickers (Market Info)

URL - https://api.nestex.one/cg/tickers to get ALL tickers
OR - https://api.nestex.one/cg/tickers/TICKER_ID to get a single ticker

The /tickers endpoint provides 24-hour pricing and volume information on each market pair available on an exchange.

ALL TICKERS OUTPUT FORMAT **/api/cg/tickers**	**SINGLE TICKER OUTPUT FORMAT** **/api/cg/tickers/BTC_USDT**

[{
"ticker_id": "BTC_USDT",
"base_currency": "BTC",
"target_currency": "USDT",
"last_price": “82989.9724137”,
"base_volume": “0.00215083”,
"target_volume": “178.497322”,
"bid": “82052.66134236”,
"ask": “84794.92222999”,
"high": “84886.00914459”,
"low": “80010.86105018”,
"oldltp24h": “70010.86105018”
}, …]
	{
	"ticker_id": "BTC_USDT",
	"base_currency": "BTC",
	"target_currency": "USDT",
	"last_price": “82989.9724137”,
	"base_volume": “0.00215083”,
	"target_volume": “178.497322”,
	"bid": “82052.66134236”,
	"ask": “84794.92222999”,
	"high": “84886.00914459”,
	"low": “80010.86105018”,
	"oldltp24h": “70010.86105018”
	}

(NOTE ALL TICKERS GIVES AN ARRAY, SINGLE TICKER DOES NOT)

/tickers endpoint response description:

Name	Data Type	Description
ticker_id	string	Identifier of a ticker with delimiter to separate base/target, eg. BTC_ETH
base_currency	string	Symbol/Currency code of a the base cryptoasset, eg. BTC
target_currency	string	Symbol/Currency code of the target cryptoasset, eg. ETH
last_price	decimal	Last transacted price of base currency based on given target currency
base_volume	decimal	24 hour trading volume for the pair (unit in base)
target_volume	decimal	24 hour trading volume for the pair (unit in target)
bid	decimal	Current highest bid price
ask	decimal	Current lowest ask price
high	decimal	Rolling 24-hours highest transaction price
low	decimal	Rolling 24-hours lowest transaction price
oldltp24h	decimal	Rolling 24-hours old price
decimals	integer	Number of decimals to honor for this asset
liquidity	decimal	Liquidity on record in USDT

Endpoint 2 - /orderbook (Order book depth details)

URL - https://api.nestex.one/cg/orderbook

The /orderbook/ticker_id endpoint is to provide order book information with at least depth = 100 (50 each side) returned for a given market pair/ticker.

For example https://api.nestex.one/cg/orderbook/BTC_USDT provides the BTC_USDT pair order book

Endpoint parameters:

Name	Type	Description
ticker_id	string	A ticker such as "BTC_ETH", with delimiter between different cryptoassets
depth	integer	Orders depth quantity: [0, 100, 200, 500...]. 0 returns full depth. Depth = 100 means 50 for each bid/ask side. Note that for more liquid or closely priced pairs, the lack of order depth may result in miscalculation of depth/spread.

Example query:
https://api.nestex.one/cg/orderbook/BTC_USDT?depth=10

Example output:

```
{
  "ticker_id": "BTC_USDT",
  "timestamp": 1742007300000,
  "bids": {
    "83041.57253037": 0.000001,
    "82957.94556911": 0.000002,
    "82874.31860785": 0.000002,
    "82790.69164659": 0.000002,
    "82707.06468533": 0.000002,
    "82623.43772407": 0.000002,
    "82539.81076281": 0.000001,
    "82456.18380155": 0.000002,
    "82372.55684029": 0.000002,
    "82288.92987903": 0.000002
  },
  "asks": {
    "84794.92222999": 0.000001,
    "84714.11175555": 0.000003,
    "84630.48479429": 0.000002,
```

"84546.85783303": 0.000002,
"84463.23087177": 0.000002,
"84379.60391051": 0.000001,
"84295.97694925": 0.000002,
"84212.34998799": 0.000001,
"84128.72302674": 0.000001,
"84045.09606548": 0.000001
}
}

Order book response descriptions:

Name	Data Type	Description
ticker_id	string	A pair such as "BTC_ETH", with delimiter between different cryptoassets
timestamp	timestamp	Unix timestamp in milliseconds for when the last updated time occurred.
bids	decimal	An array containing 2 elements. The offer price and quantity for each bid order
asks	decimal	An array containing 2 elements. The ask price and quantity for each ask order

Endpoint 3 - /tradebook (Trade book details)

URL - https://api.nestex.one/cg/tradebook

The /tradebook/ticker_id endpoint is to provide trade information with page length = 100 (max 100 pages) returned for a given market pair/ticker.

For example https://api.nestex.one/cg/tradebook/BTC_USDT provides the BTC_USDT pair trade book

Endpoint parameters:

Name	Type	Description
ticker_id	string	A ticker such as "BTC_ETH", with delimiter between different cryptoassets
page	integer	Pagination. Default page id = 1, Max page id = 100

Example query:
https://api.nestex.one/cg/tradebook/AEGS_USDT?page=10

Example output:


```
{
  "ticker_id": "AEGS_USDT",
  "page": 10,
  "data": [
    {
      "trade_id": 8005701,
      "side": "BUY",
      "price": 0.00035464,
      "quantity": 28.197535,
      "timestamp": 1754803891280
    },
     .... snip ....
    {
      "trade_id": 7997798,
      "side": "SELL",
      "price": 0.00029931,
      "quantity": 218.847658,
      "timestamp": 1754782983000
    }
  ]
}
```

Order book response descriptions:

Name	Data Type	Description
ticker_id	string	A pair such as "BTC_ETH", with delimiter between different cryptoassets
page	integer	Pagination. Expected to be the same as input unless the input was missing or invalid
timestamp	timestamp	Unix timestamp in milliseconds for when the last updated time occurred.
trade_id	bigint	Unique id of the trade
side	string	BUY or SELL
price	decimal	Price at which this trade was fulfilled
quantity	decimal	Quantity of asset bought/sold in this trade