# Quote API

**QuotePublicApi**

**GET Get Quote Summary**

GET /api/v1/public/quote/getTicketSummary

**Request Parameters**

Name

Location

Type

Required

Description

period

query

string

No

Summary period

Response Example

200 Response

Copy

{ "code": "SUCCESS", "data": { "tickerSummary": { "period": "LAST\_DAY\_1", "trades": "31450", "value": "201048203.7979", "openInterest": "13.565" } }, "msg": null, "errorParam": null, "requestTime": "1734596957000", "responseTime": "1734596957003", "traceId": "574a8b43497ebd0bca55d0b257d034fa"}

**Response**

Status Code

Status Code Meaning

Description

Data Model

200

[OK](https://tools.ietf.org/html/rfc7231" \l "section-6.3.1)

default response

[Result](https://edgex-1.gitbook.io/edgeX-documentation/api/public-api/quote-api" \l "gettickersummarymodel)

**GET Query 24-Hour Quotes**

GET /api/v1/public/quote/getTicker

**Request Parameters**

Name

Location

Type

Required

Description

contractId

query

string

No

Contract ID

Response Example

200 Response

Copy

{ "code": "SUCCESS", "data": [ { "contractId": "10000001", "contractName": "BTCUSDT", "priceChange": "-2270.5", "priceChangePercent": "-0.021849", "trades": "79372", "size": "499.487", "value": "50821443.7464", "high": "105331.5", "low": "98755.0", "open": "103913.2", "close": "101642.7", "highTime": "1734524115631", "lowTime": "1734575388228", "startTime": "1734510600000", "endTime": "1734597000000", "lastPrice": "101642.7", "indexPrice": "101676.380723500", "oraclePrice": "101636.3750002346932888031005859375", "openInterest": "0.105", "fundingRate": "-0.00012236", "fundingTime": "1734595200000", "nextFundingTime": "1734609600000" } ], "msg": null, "errorParam": null, "requestTime": "1734597508246", "responseTime": "1734597508250", "traceId": "a49014b0ad76a121193d4717294f85fc"}

**Response**

Status Code

Status Code Meaning

Description

Data Model

200

[OK](https://tools.ietf.org/html/rfc7231" \l "section-6.3.1)

default response

[Result](https://edgex-1.gitbook.io/edgeX-documentation/api/public-api/quote-api" \l "schemaresultlistticker)

**GET Query Multi-Contract Quantitative K-Line**

GET /api/v1/public/quote/getMultiContractKline

**Request Parameters**

Name

Location

Type

Required

Description

contractIdList

query

string

No

Collection of Contract IDs

priceType

query

string

No

Price type

klineType

query

string

No

K-line type

size

query

string

No

Number to retrieve. Must be greater than 0 and less than or equal to 200

filterBeginKlineTimeInclusive

query

string

No

Query start time (if 0, means from current time). Returns in descending order by time

filterEndKlineTimeExclusive

query

string

No

Query end time

Request Example

Copy

https://pro.edgex.exchange/api/v1/public/quote/getMultiContractKline?contractIdList=10000001&klineType=HOUR\_1&filterBeginKlineTimeInclusive=1733416860000&filterEndKlineTimeExclusive=1734601200000&priceType=LAST\_PRICE

Response Example

200 Response

Copy

{ "code": "SUCCESS", "data": [ { "contractId": "10000001", "klineList": [ { "klineId": "687194849731486048", "contractId": "10000001", "contractName": "BTCUSDT", "klineType": "HOUR\_1", "klineTime": "1734595200000", "priceType": "LAST\_PRICE", "trades": "3123", "size": "7.947", "value": "807240.1268", "high": "101798.4", "low": "101326.3", "open": "101603.8", "close": "101605.6", "makerBuySize": "5.222", "makerBuyValue": "530431.6634" } ] } ], "msg": null, "errorParam": null, "requestTime": "1734601896988", "responseTime": "1734601897009", "traceId": "7edd9609a0c5976c1cb58bdee3d08088"}

**Response**

Status Code

Status Code Meaning

Description

Data Model

200

[OK](https://tools.ietf.org/html/rfc7231" \l "section-6.3.1)

default response

[Result](https://edgex-1.gitbook.io/edgeX-documentation/api/public-api/quote-api" \l "schemaresultlistcontractkline)

**Response Data Structure**

**GET Query K-Line**

GET /api/v1/public/quote/getKline

**Request Parameters**

Name

Location

Type

Required

Description

contractId

query

string

No

Contract ID

priceType

query

string

No

Price type

klineType

query

string

No

K-line type

size

query

string

No

Number to retrieve. Must be greater than 0 and less than or equal to 1000

offsetData

query

string

No

Pagination offset. If empty, get the first page

filterBeginKlineTimeInclusive

query

string

No

Query start time (if 0, means from current time). Returns in descending order by time

filterEndKlineTimeExclusive

query

string

No

Query end time

Request Example

Copy

https://pro.edgex.exchange/api/v1/public/quote/getKline?contractId=10000002&klineType=HOUR\_1&filterBeginKlineTimeInclusive=1733416860000&filterEndKlineTimeExclusive=1734601200000&priceType=LAST\_PRICE

Response Example

200 Response

Copy

{ "code": "SUCCESS", "data": { "dataList": [ { "klineId": "687194918450962784", "contractId": "10000002", "contractName": "ETHUSDT", "klineType": "HOUR\_1", "klineTime": "1734595200000", "priceType": "LAST\_PRICE", "trades": "3142", "size": "111.96", "value": "412199.6286", "high": "3694.59", "low": "3667.42", "open": "3694.57", "close": "3670.42", "makerBuySize": "52.21", "makerBuyValue": "192147.4907" } ], "nextPageOffsetData": "" }, "msg": null, "errorParam": null, "requestTime": "1734601267556", "responseTime": "1734601267581", "traceId": "72cfd2eeb27fc602aa64990ad84cd8dd"}

**Response**

Status Code

Status Code Meaning

Description

Data Model

200

[OK](https://tools.ietf.org/html/rfc7231" \l "section-6.3.1)

default response

[Result](https://edgex-1.gitbook.io/edgeX-documentation/api/public-api/quote-api" \l "schemaresultpagedatakline)

**GET Get Exchange Long Short Ratio**

GET /api/v1/public/quote/getExchangeLongShortRatio

**Request Parameters**

Name

Location

Type

Required

Description

range

query

string

No

If empty, return data with the smallest range

filterContractIdList

query

string

No

If empty, return data for all contracts

filterExchangeList

query

string

No

If empty, return data for all exchanges

Response Example

200 Response

Copy

{ "code": "SUCCESS", "data": { "exchangeLongShortRatioList": [ { "range": "30m", "contractId": "10000001", "exchange": "\_total\_", "buyRatio": "50.9900", "sellRatio": "49.0100", "buyVolUsd": "567855766.2701", "sellVolUsd": "545892952.7900", "createdTime": "1734597018839", "updatedTime": "1734597018839" } ], "allRangeList": [ "30m", "1h", "4h", "12h", "24h" ] }, "msg": null, "errorParam": null, "requestTime": "1734597836994", "responseTime": "1734597837001", "traceId": "60af97ec1357f9d00da50bada9e4364c"}

**Response**

Status Code

Status Code Meaning

Description

Data Model

200

[OK](https://tools.ietf.org/html/rfc7231" \l "section-6.3.1)

default response

[Result](https://edgex-1.gitbook.io/edgeX-documentation/api/public-api/quote-api" \l "gettickersummarymodel)

**GET Query Order Book Depth**

GET /api/v1/public/quote/getDepth

**Request Parameters**

Name

Location

Type

Required

Description

contractId

query

string

No

Contract ID

level

query

string

No

Depth level. Currently 15 and 200 levels available

Response Example

200 Response

Copy

{ "code": "SUCCESS", "data": [ { "startVersion": "201223746", "endVersion": "201223747", "level": 15, "contractId": "10000001", "contractName": "BTCUSDT", "asks": [ { "price": "101695.9", "size": "0.579" }, { "price": "101696.0", "size": "0.923" }, { "price": "101703.0", "size": "0.129" } ], "bids": [ { "price": "101695.5", "size": "1.710" }, { "price": "101694.1", "size": "0.189" }, { "price": "101692.9", "size": "0.223" } ], "depthType": "SNAPSHOT" } ], "msg": null, "errorParam": null, "requestTime": "1734598036434", "responseTime": "1734598036435", "traceId": "99b69f04bac0df6e37961f249b9545e4"}

**Response**

Status Code

Status Code Meaning

Description

Data Model

200

[OK](https://tools.ietf.org/html/rfc7231" \l "section-6.3.1)

default response

[Result](https://edgex-1.gitbook.io/edgeX-documentation/api/public-api/quote-api" \l "schemaresultlistdepth)

**Response Data Structure**

**Data Models**

**schemaresultlistdepth**

Name

Type

Required

Constraints

Chinese Name

Description

code

string

false

none

Status code. "SUCCESS" for success, others for failures

data

[[Depth](https://edgex-1.gitbook.io/edgeX-documentation/api/public-api/quote-api" \l "schemadepth)]

false

none

Correct response data

errorParam

object

false

none

Parameter information in error messages

requestTime

string(timestamp)

false

none

Server request reception time

responseTime

string(timestamp)

false

none

Server response return time

traceId

string

false

none

Call trace ID

**schemadepth**

Name

Type

Required

Constraints

Chinese Name

Description

startVersion

string(int64)

false

none

Start order book version number

endVersion

string(int64)

false

none

End order book version number

level

integer(int32)

false

none

Depth level

contractId

string(int64)

false

none

Contract ID

contractName

string

false

none

Contract name

asks

[[BookOrder](https://edgex-1.gitbook.io/edgeX-documentation/api/public-api/quote-api" \l "schemabookorder)]

false

none

Ask list

bids

[[BookOrder](https://edgex-1.gitbook.io/edgeX-documentation/api/public-api/quote-api" \l "schemabookorder)]

false

none

Bid list

depthType

string

false

none

Depth type

**Enum Values**

Property

Value

depthType

UNKNOWN\_DEPTH\_TYPE

depthType

SNAPSHOT

depthType

CHANGED

depthType

UNRECOGNIZED

**schemabookorder**

Name

Type

Required

Constraints

Chinese Name

Description

price

string(decimal)

false

none

Price

size

string(decimal)

false

none

Quantity

**schemaresultpagedatakline**

Name

Type

Required

Constraints

Chinese Name

Description

code

string

false

none

Status code. "SUCCESS" for success, others for failures

data

[PageDataKline](https://edgex-1.gitbook.io/edgeX-documentation/api/public-api/quote-api" \l "schemapagedatakline)

false

none

Generic paginated response

errorParam

object

false

none

Parameter information in error messages

requestTime

string(timestamp)

false

none

Server request reception time

responseTime

string(timestamp)

false

none

Server response return time

traceId

string

false

none

Call trace ID

**schemapagedatakline**

Name

Type

Required

Constraints

Chinese Name

Description

dataList

[[Kline](https://edgex-1.gitbook.io/edgeX-documentation/api/public-api/quote-api" \l "schemakline)]

false

none

Data list

nextPageOffsetData

string

false

none

Offset for the next page. If there is no next page, it's an empty string

**schemakline**

Name

Type

Required

Constraints

Chinese Name

Description

klineId

string(int64)

false

none

K-Line ID

contractId

string(int64)

false

none

Perpetual contract ID

contractName

string

false

none

Perpetual contract name

klineType

string

false

none

K-Line type

klineTime

string(int64)

false

none

K-Line time

priceType

string

false

none

Price type of the K-line

trades

string(int64)

false

none

Number of trades

size

string(decimal)

false

none

Volume

value

string(decimal)

false

none

Value

high

string(decimal)

false

none

High price

low

string(decimal)

false

none

Low price

open

string(decimal)

false

none

Opening price

close

string(decimal)

false

none

Closing price

makerBuySize

string(decimal)

false

none

Maker buy volume

makerBuyValue

string(decimal)

false

none

Maker buy value

**Enum Values**

Property

Value

klineType

UNKNOWN\_KLINE\_TYPE

klineType

MINUTE\_1

klineType

MINUTE\_5

klineType

MINUTE\_15

klineType

MINUTE\_30

klineType

HOUR\_1

klineType

HOUR\_2

klineType

HOUR\_4

klineType

HOUR\_6

klineType

HOUR\_8

klineType

HOUR\_12

klineType

DAY\_1

klineType

WEEK\_1

klineType

MONTH\_1

klineType

UNRECOGNIZED

priceType

UNKNOWN\_PRICE\_TYPE

priceType

ORACLE\_PRICE

priceType

INDEX\_PRICE

priceType

LAST\_PRICE

priceType

ASK1\_PRICE

priceType

BID1\_PRICE

priceType

OPEN\_INTEREST

priceType

UNRECOGNIZED

**schemaresultlistcontractkline**

Name

Type

Required

Constraints

Chinese Name

Description

code

string

false

none

Status code. "SUCCESS" for success, others for failures

data

[[ContractMultiKline](https://edgex-1.gitbook.io/edgeX-documentation/api/public-api/quote-api" \l "schemacontractmultikline)]

false

none

Correct response data

errorParam

object

false

none

Parameter information in error messages

requestTime

string(timestamp)

false

none

Server request reception time

responseTime

string(timestamp)

false

none

Server response return time

traceId

string

false

none

Call trace ID

**schemacontractmultikline**

Name

Type

Required

Constraints

Chinese Name

Description

contractId

string(int64)

false

none

Perpetual contract ID

klineList

[[Kline](https://edgex-1.gitbook.io/edgeX-documentation/api/public-api/quote-api" \l "schemakline)]

false

none

Collection of kline data

**schemaresultlistticker**

Name

Type

Required

Constraints

Chinese Name

Description

code

string

false

none

Status code. "SUCCESS" for success, others for failures

data

[[Ticker](https://edgex-1.gitbook.io/edgeX-documentation/api/public-api/quote-api" \l "schematicker)]

false

none

Correct response data

errorParam

object

false

none

Parameter information in error messages

requestTime

string(timestamp)

false

none

Server request reception time

responseTime

string(timestamp)

false

none

Server response return time

traceId

string

false

none

Call trace ID

**schematicker**

Name

Type

Required

Constraints

Chinese Name

Description

contractId

string(int64)

false

none

Contract ID

contractName

string

false

none

Contract Name

priceChange

string(decimal)

false

none

Price change

priceChangePercent

string(decimal)

false

none

Price change percentage

trades

string(int64)

false

none

24-hour number of trades

size

string(decimal)

false

none

24-hour trading volume

value

string(decimal)

false

none

24-hour trading value

high

string(decimal)

false

none

24-hour high price

low

string(decimal)

false

none

24-hour low price

open

string(decimal)

false

none

24-hour opening price

close

string(decimal)

false

none

24-hour closing price

highTime

string(int64)

false

none

24-hour high price time

lowTime

string(int64)

false

none

24-hour low price time

startTime

string(int64)

false

none

24-hour quote start time

endTime

string(int64)

false

none

24-hour quote end time

lastPrice

string(decimal)

false

none

Latest trade price

indexPrice

string(decimal)

false

none

Current index price

oraclePrice

string(decimal)

false

none

Current oracle price

openInterest

string(decimal)

false

none

Open Interest

fundingRate

string

false

none

Current already settled funding rate

fundingTime

string(int64)

false

none

Funding rate settlement time

nextFundingTime

string(int64)

false

none

Next funding rate settlement time

**gettickersummarymodel**

Name

Type

Required

Constraints

Chinese Name

Description

code

string

false

none

Status code. "SUCCESS" for success, others for failures

data

[GetTickerSummary](https://edgex-1.gitbook.io/edgeX-documentation/api/public-api/quote-api" \l "schemagettickersummary)

false

none

Get quote summary response

errorParam

object

false

none

Parameter information in error messages

requestTime

string(timestamp)

false

none

Server request reception time

responseTime

string(timestamp)

false

none

Server response return time

traceId

string

false

none

Call trace ID

**schemagettickersummary**

Name

Type

Required

Constraints

Chinese Name

Description

tickerSummary

[TickerSummary](https://edgex-1.gitbook.io/edgeX-documentation/api/public-api/quote-api" \l "schematickersummary)

false

none

Quote summary

**schematickersummary**

Name

Type

Required

Constraints

Chinese Name

Description

period

string

false

none

Summary period

trades

string

false

none

Total exchange number of trades

value

string

false

none

Total traded value

openInterest

string

false

none

Current total open interest

**Enum Values**

Property

Value

period

UNKNOWN\_PERIOD

period

LAST\_DAY\_1

period

LAST\_DAY\_7

period

LAST\_DAY\_30

period

UNRECOGNIZED