

Crypto Pricing Data

Alpaca provides free limited crypto data and a more advanced unlimited paid plan.

To request trading pairs data via REST API, see [Crypto Pricing Data REST API](#) Reference.

The example below requests the latest order book data (bid and asks) for the following three crypto trading pairs: BTC/USD, ETH/BTC and ETH/USD.

cURL

```
curl --request GET 'https://data.alpaca.markets/v1beta3/crypto/us/latest/orderbook'
--header 'ApcA-Api-Key-Id: <KEY>' \
--header 'ApcA-Api-Secret-Key: <SECRET>'
```

```
{
  "orderbooks": {
    "BTC/USD": {
      "a": [
        {
          "p": 27539.494,
          "s": 0.2632414
        },
        ...
      ],
      "b": [
        {
          "p": 27511.78083,
          "s": 0.26265668
        },
        ...
      ],
      "t": "2023-03-18T13:31:44.932988033Z"
    },
    "ETH/USD": { ... },
    "ETH/BTC": { ... },
```


```
    "SOL/USDT": { ... }  
  }  
}
```

Real-Time Crypto Market Data

Additionally, you can subscribe to real-time crypto data via Websockets. Example below leverages wscat to subscribe to:

- BTC/USD trades.
- ETH/USDT and ETH/USD quotes.
- BTC/USD order books

```
$ wscat -c wss://stream.data.alpaca.markets/v1beta3/crypto/us  
Connected (press CTRL+C to quit)  
< [{"T":"success","msg":"connected"}]  
> {"action": "auth", "key": "<KEY>", "secret": "<SECRET>"}  
< [{"T":"success","msg":"authenticated"}]  
> {"action":"subscribe", "trades":["BTC/USD"], "quotes":["ETH/USDT","ETH/USD"], "o  
< [{"T":"subscription","trades":["BTC/USD"], "quotes":["ETH/USDT","ETH/USD"], "order  
< [{"T":"o", "S":"BTC/USD", "t":"2023-03-18T13:51:29.754747009Z", "b": [{"p":27485.344  
< [{"T":"q", "S":"ETH/USDT", "bp":1815.55510989, "bs":8.24941727, "ap":1818.4, "as":4.1  
< ...
```

 Updated about 1 year ago

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