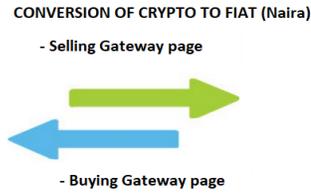




**CRYPTOPAY.NG**

## **API USAGE DOCUMENTATION**



## BUY INTEGRATION REQUIREMENTS

### API FOR BUY:

[https://app.cryptopay.ng/btc-purchase-gateway/developer\\_key/amount/user\\_id/bitcoin\\_address/payment\\_type/currency](https://app.cryptopay.ng/btc-purchase-gateway/developer_key/amount/user_id/bitcoin_address/payment_type/currency)

1. Merchant should visit: [www.cryptopay.ng](http://www.cryptopay.ng), click on signup (Register as a Company)
2. Login to your account at [www.cryptopay.ng](http://www.cryptopay.ng), When logged into the account, click on **PROFILE** --> **DEVELOPER** (Your developer key is available there).
3. BVN verification is needed for BUY If user has no BVN user must register BVN – Check below link to access API documentation for checking and adding user BVN status
4. Your system must check if user has a registered BVN before proceeding to buy (This is needed to prevent fraud or stolen cards being used)
5. Next time user initiates a buy, if user has BVN it goes to buy Page.
6. For Payment type: card or bank

<https://developer.cryptopay.ng/doc/>

Sample below:

[https://app.cryptopay.ng/btc-purchase-gateway/developer\\_key/amount/user\\_id/bitcoin\\_address/payment\\_type/currency](https://app.cryptopay.ng/btc-purchase-gateway/developer_key/amount/user_id/bitcoin_address/payment_type/currency)

7. Buy calculation: If a user wants to purchase N10,000 worth of bitcoins

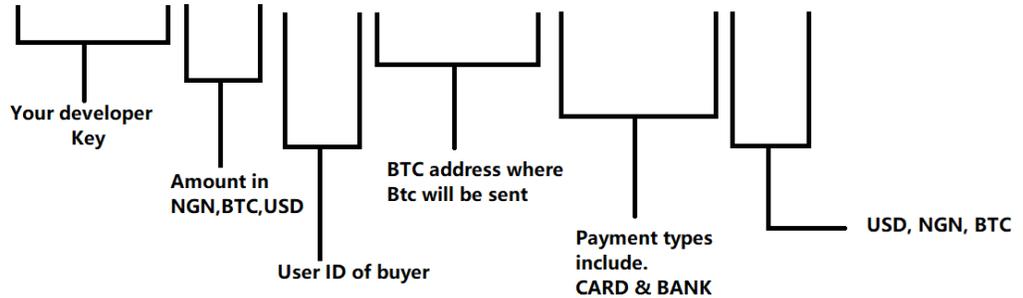
1. Cost price = 10000 naira
  2. Naira Rate = 450 naira
  3. Current Btc network fee = \$10 (10 x 450 = 4500 naira)
  4. 2% fee
- 10000 + 4500 = 14500 naira
- 2% of 14500 = 290 naira
- Total = 14500 + 209 = 14790 naira

User is credited cost price – 10000 naira

**Note: The Current BTC Network fee is automatically calculated and added to the total amount being charged. This way, the buyer gets the exact bitcoin purchased.**

## BUY API BREAK DOWN

[https://app.cryptopay.ng/btc-purchase-gateway/developer\\_key/amount/user\\_id/bitcoin\\_address/payment\\_type/currency](https://app.cryptopay.ng/btc-purchase-gateway/developer_key/amount/user_id/bitcoin_address/payment_type/currency)



### STEPS FOR IMPLEMENTATION

1. create interface to collect user bvn (This should be a One time registration, no bvn will be asked next time user initiates buy or sell.)
2. send user email and BVN.
3. Our system will return a user\_id to you after BVN has been confirmed by us, this user\_id should be attached to your user on your database.
4. If you need to make any transaction, direct the user\_id, your developer key,amount,payment type(card or bank), and deposit btc address
5. Hence forth you will only need to direct user\_id to us

# Sample Buy page

Buy bitcoin

Currency

USD

BTC

\*Please note: Minimum purchase is ₦2000

Bitcoin Transactions  
Buy / Sell Bitcoin

BUY BITCOIN    SELL YOUR BITCOIN

Buy bitcoin

Currency \*  
USD

**PAY WITH**

Card

Bank

Pay NGN 9,749.2

Enter your card details to pay

CARD NUMBER  
0000 0000 0000 0000

CARD EXPIRY  
MM / YY

CVV  
123

HELP?

Pay NGN 9,749.2

\*Note: Please, Do not exit this page while transaction is ongoing.

Amount to pay: ₦9,749.20

Transaction charge: 2%

\*Please note: Minimum purchase is ₦2000

PAY

Bitcoin Transactions  
Buy / Sell Bitcoin

BUY BITCOIN    SELL YOUR BITCOIN

Buy bitcoin

Currency \*  
USD

**PAY WITH**

Card

Bank

Pay NGN 9,749.2

Choose your bank to start the payment

Click here to choose

Click here to choose

- ALAT by WEMA
- First Bank of Nigeria
- Guaranty Trust Bank
- Kuda Bank
- Sterling Bank
- United Bank For Africa
- Zenith Bank

\*Note: Please, Do not exit this page while transaction is ongoing.

Amount to pay: ₦9,749.20

Transaction charge: 2%

\*Please note: Minimum purchase is ₦2000

PAY

## SELL INTEGRATION REQUIREMENTS

1. BVN verification is needed for SELL
2. Our system checks if user has a registered BVN before proceeding to SELL
3. User must Register an account number for sell.
4. Calculation for Sell rate: User wants to sell **0.001953 btc**
5. Please visit <https://developer.cryptopay.ng/doc/> to get APIs for our rates.

Cryptopay sell rate: N450 (Naira)

Bitcoin value: \$11380

- $0.001953 \times \$11380 = \$22.2$
- User will get:  $\$22.2 \times N450 = N10,000$  (Naira)

**Note: Cryptopay matches first and last name on account number with BVN records. If all names match, account will be added.**

All documentation for sell can be found and tested at

<https://developer.cryptopay.ng/doc/>

Host: <https://developer.cryptopay.ng>

Sample screen for Sell.

Screenshot of the Cryptopay 'Sell bitcoin' interface. The form includes a 'Bank Account' dropdown menu, an 'Amount in Bitcoin (BTC)' input field, and a 'SELL BITCOIN' button. Below the form, it shows the account balance as 0 BTC and the amount to expect as ₦0.00. A table of current rates is also displayed, showing a sell rate of ₦452 and a buy rate of ₦470.

Category	Dollar Rate
sell	₦452
buy	₦470



Sell bitcoin

Bank Account \*

Bank Account

Stanbic IBTC Bank: 098900980

Guaranty Trust Bank: 0209399399

Amount in Bitcoin (BTC) \*

Account balance: **0 BTC**  
Amount to expect: **₦0.00**

\*Please note: Minimum sale is 0.00019 BTC and maximum sale is unlimited

Current rates

Category	Dollar Rate
sell	₦452
buy	₦470



Sell bitcoin

Bank Account \*

Stanbic IBTC Bank: 098900980

Amount in Bitcoin (BTC) \*

0.153

SELL BITCOIN

Account balance: **0 BTC**  
Amount to expect: **₦752,430.41**

\*Please note: Minimum sale is 0.00019 BTC and maximum sale is unlimited

Current rates

Category	Dollar Rate
sell	₦452
buy	₦470