

# QTC WALLET AND PDISK TUTORIAL QITCHAIN NETWORK

#### 1. Related tools

- Wallet software qitcoin-v1.23.1-win64-setup.exe
- Mining software qtc-miner.exe

Download the latest version of QitCoin Core from Official Website and Unzip the file

Qitchain Network	
Decentralized Search Engine, lead towards the "Digita World".	I.
INSTALL QITCHAIN DOWNLOAD SOURCE CODE	
(7) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	

2. Qitcoin Core Installation

Step 1. Click next for Installation

Qitcoin Core (64-bit) Setup



# Welcome to the Qitcoin Core (64-bit) Setup Wizard

This wizard will guide you through the installation of Qitcoin Core (64-bit).

It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.

Click Next to continue.

Next >	Cancel



**Step 2.** Main program path C:\Program Files\Qitcoin by default.

	O Welcome		?	×	
	Welcome to Qitcoin Core.				
	As this is the first time the pr where Qitcoin Core will store	ogram is launched, you car its data.	n choose		
	Qitcoin Core will download an At least 4 GB of data will be s over time. The wallet will also	d store a copy of the Qitco tored in this directory, and be stored in this directory	oin block cha d it will grow /.	ain.	
	O Use the default data dire	ctory			
	O Use a custom data direct	ory:			
	C:\	ppData\Roaming\qitcoin			
	301 GB of free s	pace available.			
	A new data direc	tory will be created.			
	When you click OK, Qitcoin C the full Qitcoin block chain (3 in 2018 when Qitcoin initially	ore will begin to download GB) starting with the earlie aunched.	and process st transaction	s ons	
	Discard blocks after verifi	cation, except most recen	t 2 GB (prun	ie)	
	This initial synchronisation is hardware problems with your unnoticed. Each time you run downloading where it left off	very demanding, and may computer that had previo Qitcoin Core, it will contin	expose usly gone ue		
		ОК	Cancel		
Step 3. Click-> Next to pr	roceed				
Qitcoin Core (64-b)	it) Setup			_	$\times$
Choose Install Loca	ation				
Choose the folder in	which to install Qitcoin C	ore (64-bit).	Ce Ce	QU	<u> </u>
Setup will install Qitco click Browse and sele	oin Core (64-bit) in the fo ct another folder. Click №	ollowing folder. To in: lext to continue.	stall in a d	different folder,	
Destination Folder					
C:\Program Files	Qitcoin			Browse	
Space required: 54.6 Space available: 46.9	5MB 9GB				

Next >

Cancel

< Back

**Step 4.** Now click-> Install Button to start installation

🔉 Qitcoin Core (64-bit) Setup		_	
Choose Start Menu Folder Choose a Start Menu folder for the Qitcoin Con shortcuts.	re (64-bit)	0	QTC
Select the Start Menu folder in which you woul can also enter a name to create a new folder.	ld like to create t	he program's shor	tcuts. You
Accessibility Accessories Administrative Tools Apowersoft Chrome Apps Discord Inc doPDF 7 Grammarly HP			
KMSpico			~
Do not create shortcuts	< Back	Install	Cancel

**Step 5.** During installation you can wait a few second to complete installation of the Qitcoin Core.

Qitcoin Core (64-bit) Setup	_	
Installation Complete		ОТС
Setup was completed successfully.		Qic
Completed		
Output folder: C:\Program Files\Qitcoin\doc		^
Output folder: C:\Program Files\Qitcoin		
Output folder: C:\Program Files\Qitcoin		
Created uninstaller: C:\Program Files\Qitcoin\uninstall.exe		
Create folder: C:\Users\Digital Code 3\AppData\Roaming\Micro	osoft\Windows	Start M
Create shortcut: C:\Users\Digital Code 3\AppData\Roaming\Mi	icrosoft\Windov	ws\Start
Create shortcut: C:\Users\Digital Code 3\AppData\Roaming\Mi	icrosoft\Windov	ws\Start
Create shortcut: C: \Users \Digital Code 3 \AppData \Roaming \Mi	icrosoft\Windov	ws\Start
Create shortcut: C:\Users\Digital Code 3\AppData\Roaming\M	icrosoft\Windov	ws\Start
Completed		~
< Back	Next >	Cancel
	inche /	Contect

**Step 6.** Once you reached the last step you need to click -> Finish Button

# Completing the Qitcoin Core (64-bit) Setup Wizard

 $\Box \times$ 

Qitcoin Core (64-bit) has been installed on your computer.



Run Qitcoin Core (64-bit)



### 3. Create an account and wallet



Qitcoin Core			×
File Settings Window Help			
Create Wallet Receive 🕞 Transactions			
Open Wallet			
Close Wallet Recent transactions			
Open URI			
Backup Wallet			
Sign message			
Verity message			
Exit Ctrl+Q			
Create a new wallet	q	отс 🛆 на	□ <b>3</b> ° √



- Encrypted wallet: Your password will be used to encrypt the wallet
- Blank wallet: There is no password, you can set it later. The place to set the password is in [ Settings] ----> [Encrypted Wallet]

📀 Qitcoin Core		_		$\times$
File Settings Window Help				
Overview 🔊 Send 🖄 Receive	Transactions			
Balances Available: 0.00000000 QTC	Recent transactions			
Pending: 0.00000000 QTC 				
	Wallet Name			
	Disable Private Keys			
	Make Blank Wallet			
	Create			
		Q	тс 🛆 но	<b>5</b> ° ∢

Step 3. Create New Passphrase Password. Click ----> [OK]

Qitcoin	Core		-	- 🗆	×
File Settin	gs Wi	ndow Help			
	ew 🔊	Send 🖄 Receive	Transactions		
Balances			Recent transactions		
Available:	0.0000	0000 QTC			
Pending:	0.0000	Encrypt wallet	? ×		
Total:	0.0000	Enter the new passphrase Please use a passphrase New passphrase Repeat new passphrase	se for the wallet. so <b>f ten or more random characters</b> , or <b>eight or more words</b> .		
				отс 🛆 н	⊳ <b>⊅</b> °∢

**Step 4.** The password must be kept in mind. If the password is forgotten, the assets of this wallet will be lost forever.

Qitcoin Core	_		$\times$
File Settings Wi	ndow Help		
Overview	Send 🖄 Receive 🚍 Transactions		
Balances	Recent transactions		
Available: 0.0000	0000 OTC		
Pending: 0.0000	encrypt wallet		
Total: 0.0000	Image: Second		
		отс 🔒 но	<b>3</b> ° ∢

**Step 5.** Once the password do not feel safe, you can modify, but you must use the original password, and then set a new password.

🔞 Qitcoir	n Core - qitcoin	_		×
File Setti	ngs Window Help Encrypt Wallet eive 🕞 Transactions	Wallet:	qitcoin	•
Ba	Change Passphrase Options Recent transactions			
Available: Pending:	0.0000000 QTC 0.0000000 QTC			
Total:	0.0000000 QTC			
Change the	e passphrase used for wallet encryption		отс 🔒 ни	> <b>2</b> € √

Step 6. Use a wallet





• After opening the wallet, the current wallet ownership will not change. It can be understood as importing this wallet. Which wallet is actually affected by the current interface is triggered by the selector in the upper right corner.



For example, if it is the default wallet, select your wallet (Qitchain1) when opening the wallet. The current interface still displays the balance of the default wallet by default. To see the balance of Qitchain1, you need to switch to the wallet list in the upper right corner.

• Close wallet

Close the current wallet, and it will disappear from the wallet selection list in the upper right corner. Closing the wallet is not deleting the wallet.

Step 7. Backup wallet

• Next, we need to back up our wallet files. This action is very important. It is recommended to do this. Backup wallet process: open the wallet [window] ---> [information] interface

🧿 Qitcoin Core - Qitco	in1			_		$\times$
File Settings Windo	w Help					
Overview N	linimize	Ctrl+M	actions W	/allet:	Qitcoin 1	•
Se Balances Re	ending addresse eceiving address	is ses	Recent transactions			
Available: 0.0	formation					
Pending: 0.0 C	onsole					
N	etwork Traffic					
Total: 0.0 Po	eers					
					отс 🛆 н	ID <b>25</b> 9
📀 Debug window				_		$\times$
Information Cons	sole Networ	k Traffic I	Peers			
General						
Client version	v1.	23.7.0-5cbde	5625-dirty			
User Agent	/Qi	tcoin: 1.23.7/				
Using BerkeleyDB v	ersion Ber	rkeley DB 4.8.	30: (April 9, 2010)			
Datadir	C:\	Users \ A	ppData \Roaming \qitcoin			
Blocksdir	C:\	Users\ \A	ppData\Roaming\qitcoin\blocks			
Startup time	Fri	Nov 19 13:55	:45 2021			
Network						
Name Number of connection	mai una	in Tax 0 (Outri 0)				
Right shain	is 9(i	In: 0 / Out: 9)				
Current number of bl	ocke 934	437				
Last block time	50KS 03- Sat	137 t Nov 20 0215	2.14.2021			
Memory Pool	34	20 02.3	2.17 2021			
Current number of tra	ansactions 0			D	ebug log f	file
Memory usage		06 KB			🖉 Ope	n

## C:\Users\"YOUR USERNAME"\AppData\Roaming\qitcoin

Here is the storage directory of our wallet data files

C:\Users\"YOUR USERNAME"\AppData\Roaming\qitcoin

Adding wallets after this path is the storage path of our wallet file

🚞   🛃 🚞 🚽   wallets				-		×
File Home Share	View				^	?
Navigation Details pane	□ Extra large icons       □ Large icons       ^         □ Medium icons       ⊞ Small icons       ~         Ⅲ List       □ Details       ~	Group by ▼ M Add columns ▼ Sort by ▼ Size all columns to fit	<ul> <li>Item check boxes</li> <li>File name extension</li> <li>Hidden items</li> </ul>	Hide selected	Options	
Panes	Layout	Current view	Show/hid	de		
$\leftrightarrow$ $\rightarrow$ $\checkmark$ $\uparrow$	«	> wallets ~ C				
> 🚞 Attachments	Name ^	Date modified Typ	e Size			
> 📒 Desktop	atabase 🔁	11/19/2021 1:55 PM File	folder			
> 📑 Documents	🧮 qitchain1	11/19/2021 2:25 PM File	folder			
> 📒 Europass	🚞 qitcoin	11/13/2021 2:41 AM File	folder			
> 🚞 Music	Citcoin1	11/1/2021 2:56 PM File	folder			
> 🔀 Pictures	Citcoin2	10/23/2021 6:23 AM File	folder			
	.walletlock	10/19/2021 1:51 AM WA	LLETLOCK File	0 KB		
This PC	📄 db	10/19/2021 1:51 AM Tex	t Document	0 KB		
> 🔚 Desktop	U00020.dat	11/1/2021 2:57 PM DA	T File	32 KB		
> 📑 Documents	🗋 wallet.dat	11/19/2021 1:58 PM DA	T File	32 KB		
> 🛓 Downloads						
> 🕖 Music						
> 🔀 Pictures						
9 items					≡	

• The following \*.dat files are stored from other wallets, as long as they are placed under this directory, they can be seen in [File]→[Open Wallet]

0	Qitcoin Core - Qitc	oin1					_		$\times$
File	Settings Winde	ow Hel	lp .						
	Create Wallet		Receive 🗖 Transaction	s		w	allet:	Qitcoin 1	•
	Open Wallet	•	[default wallet]						
	Close Wallet		Qitcoin1	Rece	ent transactions				
	Open URI		Qitcoin2						
	Backup Wallet		U00020.dat						
	Sign message		qitchain1						
	Verify message		qitcoin						
	Exit	Ctrl+Q							
								QIC D H	o <b>⊅</b> ∘ ≪

- You can also operate directly in [File]→[Backup Wallet]
- But the wallet backed up by the backup wallet is the wallet currently selected in the wallet list in the upper right corner, such as:



The above is the completion of the wallet registration, encryption and backup. Please be sure to save your wallet file. It is recommended to find a clean and non-toxic U disk to store this file. In the blockchain world, the private key is more important than anything else. It is recommended that the wallet password be copied and backed up in a safe place. At the same time, the following suggestions are given:

- 1. The wallet must be backed up, and there are multiple ways. It is best to store several safe virusfree U disks or computers.
- 2. The brain generates a mining accounts passwords and ID numbers must remember to save.
- 3. If you have a surprising number of QTCs, please prepare a computer that is absolutely clean, non-toxic and non-trojan horse, which is not used very much, specifically for transfer transactions and so on.
- 4. Don't hand over the \*.dat files to others casually.
- 5. It is recommended to copy the wallet encryption password by hand to paper and put it in a safe place. It is recommended not to store it on a computer.

#### 4. P disk

Before hard disk mining starts, there is a P disk process. What is P disk?

The full name of the so-called P disk is Plotting hard disk, which is to create a Plot file in the hard disk, and you will also create something called a random number. Random numbers are generated by repeatedly hashing data, including your account ID and so on. If you allocate more hard disk space for Plotting, then you store more random numbers. The larger the hard disk capacity, the more random numbers stored in the hard disk, and the greater the probability of mining QTC.

Step 1. Get hashrate ID

We open the QTC wallet and click [Help] $\rightarrow$ [Generate Hash Account] $\rightarrow$ Here must be saved. This hashrate ID is your hashrate ID. The ID is composed of numbers. The brain password is generally composed of 12 English words. It is as important as the mnemonic phrase of the wallet. Remember to keep the hashrate ID and brain password! Pay attention to the copy backup!



#### Step 2. Start Plot hard disk

Open the qtc-miner.exe mining integration software in the qtc-miner directory.

- 1. Click the [P Disk] button after opening the software
- 2. Select the path of the P drive
- 3. Fill in the previously generated hashrate ID
- 4. Confirm the capacity of the P disk

As shown below:

🙆 QTC Miner							_		$\times$
Path	0	Plot	-		×	Free			
	ĺ	Save Path	F:\plot						
	2	Plot ID	13286892081590789426						
		Capacity	100	GB					
		Cache size	8						
		Threads	4						
			3 Start						
Information									
Address ht	tp://localhost:3332		Save Capacity: 0.0000 Ti	В		(	1	Plot	
Job: 8344	17		Information: Scan					Add	
Language En	nglish 🗸								

• Then wait for the P drive to complete.

O Plot		-		$\times$
Save Path	F:\plot			
Plot ID	13286892081590789426			
Capacity	100		GB	
Cache size	8			
Threads	4			
	Waiting		_	
	Stop			

QTC Miner				- 🗆 X
Path	OPlot	_	o ×	Free
	Save Path	F:\plot		
	Plot ID	13286892081590789426	]	
	Capacity	100	GB	
	Cache size	8	]	
	Threads	4	]	
		Completed		
		Start		
Information				
Address http://localhost:333	2	Save Capacity: 0.0000 TiE		Plot
Job: 83851		Information: Scan		Add
Language English ~				

• In this way, we have completed the Plot hard disk, and after the P is completed, we can start mining. (Hint: The hard disk after the plot is finished will be displayed in red, and the disk is full because it is filled with the encryption algorithm POC.

#### 5. Mining

Step 1. Mining in SOLO mode

• Open the mining wallet program Qitcoin Core (mining, 64-bit)

Q	
Qitcoin Core	~
Qitcoin Core (64-bit)	
Qitcoin Core (mining, 64-bit)	
Qitcoin Core (testnet, 64-bit)	
Uninstall Qitcoin Core (64-bit)	

• Click the [Add] button to add the drive letter directory of the completed P drive

🙆 QTC Miner			_	
◎ 选择扫盘目录	2		×	
$\leftarrow \rightarrow \cdot \cdot \uparrow$	≪ Local Disk (F:) → plot	✓ C Search plot	م	
Organize 🔻 New folder	r		≣ • 🕐	
> 📑 Documents	Name	Date modified	Туре	
> 🛓 Downloads		No items match your search.		
> 🕖 Music				
> 🔀 Pictures				
> 🛃 Videos			-	
> 🏪 Local Disk (C:)				
> 📥 Local Disk (E:)				
> 👝 Local Disk (F:)				
Folder:	plot			
		3 Select Folder	Cancel	Plot
Job: 83852		mornation. Scar	1	Add
Language English ~			<u> </u>	

# • Add all the drive letter directories in turn, as shown in the figure below

OIC Miner		_		$\times$
Path F:\plot	Capacity 0.0977 TiB	Free 152.77 GB		
Information				-
Address     http://localhost:3332     Save     Capacity: 0.0       Job: 83853     Information:	977 TiB Scan		Plot Add	
Language English V				

#### Step 2. Bind the wallet address

Note: Mining needs to bind the hashrate ID to the wallet address to be able to mine normally.

• Click the [Send] button → select [Bind to] → [Enter ID] → [Enter Passphrase] → [Send]



• Note: Now enter the passphrase and click the [Check/Generate] button to check whether the bound hashrate ID is correct

Qitcoin Core - qitchain1		– 🗆 X
File     Settings     Window     He       Overview     Send     Send	A Receive 🗖 Transactions	Wallet: gitchain1
Bind To: 3CPNPS2JZgLc0	hJwTyufYhUilji84iLVYp	
Plotter:	••••••	
Alive Time: 24 hours (480 b	Bind plotter ×	
	Bind 13286892081590789426 to 3CPNPS2JZgLcChJwTyufYhUi1ji84iLVYp You can copy and send below signature bind data to 3CPNPS2JZgLcChJwTyufYhUi1ji84iLVYp owner:	
	041000000047c49010020f76074a5438f8c69df22c091f2d3f4ee61ce8c22c737b44cd0 7f42692a5d6262405eb257f7420c52ff359ef2515c3edf6ca0aa9cc30976f7fc051cdf78 f57ab50d2c48c9c5e811fb8dc49da123853a748259574d6d13af8b4cecfe2e53f98ff196	
	Copy bind data Close	
Bind to	nd Check/Generate	Balance: 0.79988960 QTC
		отс 战 нр 💅 🖋

• After confirming that the above information is correct, click the [Send] button to complete the wallet address binding.

🙆 Qitcoin C	Core - q	itchain1			$ \Box$ $\times$
File Setting	gs Wi	ndow Help			
	~ 2	Send 🖄 Receive	Transactions		Wallet: qitchain1 🔹
Bind To: Plotter: Alive Time:	3CPN	ES2JZgLcChJwTyuf     O     Unlock wallet     This operation needs     Enter passphrase	YhUilji84iLVYp your wallet passphrase to unlock the wall	et. OK Cance	
Bind to 🔻		A Send	Check/Generate		Balance: 0.79988960 QTC QTC 🔓 нр 💕 🔗

Settings	14.0					
Overview	Send		Transactions			Wallet: qitchain1
Bind To:	3CPNPS2JZg	LcChJwTyufY	hUilji84iLVYp			
Plotter:	•••••	Confirm	send coins		>	(
ve Time:	24 hours (480			ant to send?		•
		12 12 01 ar	328689208159078 peration will lock 0 mount will be retur	89426 bind to 3CPNPS2JZg .10000000 QTC. You can ui ned to this address.	JLcChJwTyufYhUi1ji84iLVYp The nbind later, and the locked	
		Ti	ansaction fee (0.3	81 kB): 0.00005520 QTC		-
			stal Amount: 0.100 100.05520 mQTC	<b>005520 QTC</b> C or 100 055.20 bits or 10	005 520 Satoshi (sat))	-
					Yes Cancel	
to 🔻	Ŕ	Send	Check/Gen	nerate		Balance: 0.89994480 Q
i to 🔻	\$	Send	Check/Ger	nerate		Balance: 0.89994480 Q QTC 🖬 НР 🞜
d to 🔹	ore - qitchain	Send	Check/Ger	nerate		Balance: 0.89994480 Q QTC <b>பி нр ដើ</b>
l to	ore - qitchain s Window	Send 1 Help	Check/Ger	nerate		Balance: 0.89994480 Q QTC යි HD ដ
Qitcoin Co Setting: Overview	ore - qitchain s Window w 🏠 Send	Send Help Receive	Check/Ger	nerate		Balance: 0.89994480 Q QTC 🔓 нр 🞜 — — — Wallet: gitchain1
to Qitcoin Co Setting: Overview All	ore - qitchain s Window c Send	Send Help Receive	Check/Ger	nerate	search	Balance: 0.89994480 Q QTC 답 바 화 
to Qitcoin Co Setting: Overview All Date	ore - qitchain s Window y 🏠 Send	Send Help All Type	Check/Ger	nerate	search	Balance: 0.89994480 Q QTC 🔓 HP 🗲 — 🗆 Wallet: [qitchain 1 Min amount Amount (QTC)
to Qitcoin Co Setting: Overview All Date 11/21/2 11/4/20	Core - qitchain s Window c Send 2021 00:55	All Binded plo	Check/Ger Check/Ger Transactions Check/Ger Che	s ess, transaction id, or label to BCPNPS2JZgLcChJwTyufYht	search Ji1ji84iLVYp)	Balance: 0.89994480 Q QTC & HD Wallet: qitchain 1 Min amount Amount (QTC) -0.00005520
to Qitcoin Cr Setting: Overview All Date 11/21/2 11/4/20 11/4/20	Image: constraint of the second sec	All Binded plo Binded plo Binded plo Binded plo	Check/Ger	s s s s s cPNPS2JZgLcChJwTyufYhL 3CPNPS2JZgLcChJwTyufYhL 3CPNPS2JZgLcChJwTyufYhL	search Ji1ji84iLVYp) Ji1ji84iLVYp)	Balance: 0.89994480 ( QTC 🗗 HÞ 🗲 — 🗆 Wallet: [qitchain 1 Min amount Amount (QTC) -0.00005520 -0.00005520

## Step 3. Pledge mining

Note: Pledged mining can obtain 100% of the income of the computing power, and only 5% of the income without pledge.

Click [Send] → select the [Point to] tab → fill in the wallet receiving address in the (Point to:) text box → enter the amount to be pledged → select the lock time period → click [Send] to complete pledge mining.



This completes the pledge mining operation.

Step 4. Staking ranking rewards

Note: Participating in the top 10 rankings of Staking in the world can get 20% of the dividend rewards for miners in mining. It should be noted that if the authorized amount is less than the amount of the address in the last ranking, you will not be able to participate in the Staking dividend.



#### 6. QTC commonly used commands

• help: List commands or get command help

Command format: help ("command")

• backupwallet: safely copy wallet.dat to the target path

Command format: backupwallet "destination"

For example: backupwallet "C:\aaa"

• dumpprivkey: display the private key corresponding to the address

Command format: dumpprivkey "address"

• dumpwallet: export all wallets to a file

Command format: dumpwallet "filename"

• getbalance: return the account balance

Command format: getbalance ("dummy" minconf include\_watchonly avoid\_reuse)

• getbalances: return the balances of all objects in the account

Command format: getbalances

Returns an object with all balances in QTC.

• getmininginfo: return an object containing mining related information

Command format: getmininginfo

Command description: Returns a json object containing mining-related information.

• getpeerinfo: return the data of each connected node

Command format: getpeerinfo

Command description: Returns data about each connected network node as a json array of objects.

• Importprivkey: add the private key to your wallet

Command format: importprivkey "privkey" ("label" rescan)

Command description: Adds a private key (as returned by dumpprivkey) to your wallet. Requires a new wallet backup.

• Walletpassphrase: Store the wallet decryption key in the memory for <timeout> seconds.

Command format: walletpassphrase "passphrase" timeout

Command description: Stores the wallet decryption key in memory for'timeout' seconds.