# About Internet Computer （ICP）

Original:
https://www.btcc.com/en-US/markets/Internet Computer

Internet Computer (ICP) is a set of protocols that allow independent data centers around the world to unite to provide a decentralized option for currently centralized Internet cloud providers. ICP tokens are used for governance (holders can vote on the future of the network), reward good behavior of network participants, and pay for transactions.

## ICP Token

In May 2018, DFINITY announced its plan to distribute 35 million Swiss francs worth of DFINITY tokens in airdrop to promote “cloud 3.0” to community members and help them become early users.DFINITY launched alpha main network on December 18, 2018.Internet computers are currently supported by 48 independent data centers in North America, Europe and Asia, with a total of 1300 nodes. It is estimated that the network will grow exponentially to support the next generation of large-scale DAPP.

In genesis, there are up to 469213710 ICP tokens, and the supply of circulation depends on the dynamics of the market. At the time of creation, it is estimated that 23.86% of the tokens were held by DFINITY foundation, 18% by Internet computer team members, 24.72% by seed donors, 9.5% by early contributors, and the rest were distributed to investors at other levels and strategic partners.

## How Does ICP Work?

Today’s Internet is highly centralized. Popular applications on the network are usually closed-source, proprietary, and hosted in a few data centers owned by large technology companies. If a critical data center fails, a large number of networks may shut down. Another major problem, especially for privacy advocates, is the ability of centralized enterprise network service providers to censor or remove application platforms.

Internet computers try to provide a basic alternative that enables developers to build, host and provide applications in a more decentralized way – allowing websites to be deployed directly to the public Internet. In addition, Internet computers will stimulate open source and transparent software development.

As explained by the introduction of Internet computers in MIT Technology Review. “For example, the software does not run on a dedicated server of Google cloud, but has no fixed physical address and moves between servers owned by independent data centers around the world.”.

You can think of ICP as a way to convert cryptocurrency into processing power – the network will establish fees based on the amount of computing power required by the developer’s project. As long

as this fee is paid, the website will run on the public Internet. In theory, any type of application can be created and run on Internet Computers – from social networks like LinkedIn and tiktok to software similar to all the applications you are familiar with today, to new applications that have not yet been conceived. As a demonstration, ICP developers have released cancan's open source code, which they describe as "decentralized tiktok".

## Conclusion

Many people have dedicated their lives to the development of blockchain technology, and Internet computers show the intersection of academia and reality. From its original innovations and applications, such as chain key technology, non interactive distributed key generation (nidkg), neural network system (NNs) and ICP token, the project shows remarkable creativity.

If DFINITY and the Internet computer team can create a sustainable blockchain and solve the limitations of the current blockchain, it will sit on an opportunity to change the world. Think of the Internet computer as an open source software that uses internal governance to update itself. It is as open source software that uses internal governance to update itself, and can provide guarantee to users in the form of smart contract.

These cover how data is used, or provide guarantees for startups who want to build functionality without worrying that their access will be deleted from the platform.Internet computers will drive a wave of innovation, growth, opportunities and ways of doing things in new and intriguing ways.

Cryptocurrency Price Prediction

Avalanche (AVAX) Price Prediction
Cardano (ADA) Price Prediction
Ethereum Classic (ETC) Price Prediction
Chainlink (LINK) Price Prediction
Dogelon Mars (ELON) Price Prediction
Ripple (XRP) Price Prediction
XRP Price Prediction
Solana (SOL) Price Prediction
Ethereum Price Prediction
Bitcoin (BTC) Price Prediction
Litecoin (LTC) Price Prediction
Polygon (MATIC) Price Prediction
Dash (DASH) Price Prediction
STEPN (GMT) Price Prediction
Bitcoin Cash (BCH) Price Prediction
Stellar Lumens (XLM) Price Prediction
Yearn.Finance (YFI) Price Prediction
Waves (WAVES) Price Prediction
Bitcoin SV (BSV) Price Prediction
Filecoin (FIL) Price Prediction
Optimism (OP) Price Prediction
Tron (TRX) Price Prediction
ConstitutionDAO (PEOPLE) Price Prediction
EOS (EOS) Price Prediction
Gala (GALA) Price Prediction

Enjin (ENJ) Price Prediction
MANA Price Prediction
The Sandbox (SAND) Price Prediction
Immutable X (IMX) Price Prediction
Axie Infinity (AXS) Price Prediction
Flow (FLOW) Price Prediction
Galxe (Previously Project Galaxy) Price Prediction
Mask Network (MASK) Price Prediction
ApeCoin (APE) Price Prediction
Ethereum Name Service (ENS) Price Prediction
1inch Network (1INCH) Price Prediction
Curve Dao (CRV) Price Prediction
dYdX (DYDX) Price Prediction
PancakeSwap (CAKE) Price Prediction
Uniswap (UNI) Price Prediction
Terra Luna Classic Price Prediction
Algorand Price Prediction
Fantom (FTM) Price Prediction
Celo (CELO) Price Prediction
Blur Price Prediction
Mina Protocol (MINA) Price Prediction
Near Protocol (NEAR) Price Prediction
Toncoin (TON) Price Prediction
Qtum (QTUM) Price Prediction
Internet Computer (ICP) Price Prediction
Polkadot (DOT) Price Prediction
Aptos (APT) Price Prediction
Cosmos (ATOM) Price Prediction
Neo (NEO) Price Prediction
Binance Coin (BNB) Price Prediction
Shiba Inu (SHIB) Price Prediction
Alchemy Pay (ACH) Price Prediction
Conflux (CFX) Price Prediction
Core DAO (CORE) Price Prediction
Arweave (AR) Price Prediction
Synthetix (SNX) Price Prediction
Measurable Data Token (MDT) Price Prediction
Adventure Gold (AGLD) Price Prediction
Arbitrum (ARB) Price Prediction
Aragon (ANT) Price Prediction
MultiversX (EGLD) Price Prediction
ETHPoW (ETHW) Price Prediction
Hooked Protocol (HOOK) Price Prediction
Klaytn (KLAY) Price Prediction
LooksRare (LOOKS) Price Prediction
Ren (REN) Price Prediction
Storj (STORJ) Price Prediction
Theta Network (THETA) Price Prediction
Nem (XEM) Price Prediction
Monero (XMR) Price Prediction
Render (RNDR) Token Price Prediction

Ravencoin (RVN) Price Prediction
Zilliqa (ZIL) Price Prediction
Pepe (PEPE) Price Prediction
AiDoge Price Prediction
Sui (SUI) Price Prediction
Floki Inu (FLOKI) Price Prediction
SingularityNet (AGIX) Price Prediction
Stella (ALPHA) Price Prediction
Ankr (ANKR) Price Prediction
ARPA (ARPA) Price Prediction
Astar (ASTR) Price Prediction
Balancer (BAL) Price Prediction
Band Protocol (BAND) Price Prediction
Bella Protocol (BEL) Price Prediction
BinaryX (BNX) Price Prediction
Celsius (CEL) Price Prediction
Celer Network (CELR) Price Prediction
Cocos-BCX (COCOS) Price Prediction
Compound (COMP) Price Prediction
Shentu (CTK) Price Prediction
Cartesi (CTSI) Price Prediction
Civic (CVC) Price Prediction
DODO (DODO) Price Prediction
Open Campus (EDU) Price Prediction
Fetch.ai (FET) Price Prediction
Frax Share (FXS) Price Prediction
Game Fantasy Token (GFT) Price Prediction
GMX Price Prediction
Hedera (HBAR) Price Prediction
Highstreet (HIGH) Price Prediction
ICON (ICX) Price Prediction
SPACE ID (ID) Price Prediction
JasmyCoin (JASMY) Price Prediction
JOE (JOE) Price Prediction
Kusama (KSM) Price Prediction
Lido DAO (LDO) Price Prediction
Linear Finance (LINA) Price Prediction
Liquity (LQTY) Price Prediction
Loopring (LRC) Price Prediction
Maker (MKR) Price Prediction
Ocean Protocol Price Prediction
Radiant Capital (RDNT) Price Prediction
iExec (RLC) Price Prediction
Rocket Pool (RPL) Price Prediction
Reserve Rights (RSR) Price Prediction
SSV Network (SSV) Price Prediction
StarLink Coin Price Prediction
Stargate Finance Price Prediction
StormX (STMX) Price Prediction
Stacks (STX) Price Prediction
Swipe (SXP) Price Prediction

TomoChain (TOMO) Price Prediction
Tellor (TRB) Price Prediction
UMA (UMA) Price Prediction
TerraClassicUSD (USTC) Price Prediction
VeChain (VET) Price Prediction
WOO Network (WOO) Price Prediction
Yield Guild Games (YGG) Price Prediction
0x Protocol (ZRX) Price Prediction
Pepe 2.0 Price Prediction
Bancor Network Token (BNT) Price Prediction
JUST (JST) Price Prediction
Smooth Love Potion(SLP) Price Prediction
Step App (FITFI) Price Prediction
Chia Network (XCH) Price Prediction
Badger DAO (BADGER) Price Prediction
Perpetual Protocol(PERP) Price Prediction
Cronos (CRO) Price Prediction
Biconomy (BICO) Price Prediction
Dora Factory (DORA) Price Prediction
Gods Unchained (GODS) Price Prediction
Sweat Economy (SWEAT) Price Prediction
Flare (FLR) Price Prediction
Moonbeam (GLMR) Price Prediction
Kadena (KDA) Price Prediction
Creditcoin (CTC) Price Prediction
Illuvium (ILV) Price Prediction
Akropolis (AKRO) Price Prediction
Trust Wallet Token (TWT) Price Prediction
Alien Worlds (TLM) Price Prediction
Worldcoin (WLD) Price Prediction
Casper (CSPR) Price Prediction
Aave (AAVE) Price Prediction
Yield Guild Games (YGG) Price Prediction
Api3 (API3) Price Prediction
Optimism (OP) Price Prediction
Livepeer (LPT) Price Prediction

Whitepaper

Official Website