



5

Number of LSPs

4 000

Channels opened

Lightning Channel Stats

The first 6 months

53 BTC

Liquidity deployed

1 BTC

Biggest channel

Channel Management — Easier than you think

Alby Hub simplifies the process of opening lightning channels for two key reasons:

1. Users have access to a **curated list of reliable channel partners**, eliminating the need for extensive research.
2. Opening a channel with receiving capacity—a necessary step for receiving payments over lightning—is **made easy through integration with professional Lightning Service Providers (LSPs)**.

Lightning Service Providers — Activity and income

LSPs ensure that users can reliably send and receive payments on the lightning network. Their nodes are well connected in the network and offer the following services:

- Payment channels with sufficient receiving capacity
- Routing payments through the network

Their income is generated from selling channels and charging fees for routing payments.

LSP Channels' Fees — Lease liquidity with ease

Channels with receiving capacity are sold at the following prices as of Jan 2025:

1M sats: 20 000 — 26 000 sats

3M sats: 10 000 — 35 000 sats

5M sats: 24 000 — 106 000 sats

10M sats: 54 000 — 155 000 sats

Channels with higher capacities are available. Prices are dynamic, vary between LSPs and are listed in Alby Hub at checkout.

New to Lightning?

The lightning network is a layer-2 protocol on the bitcoin blockchain enhancing scalability by enabling fast, low-cost transactions. On the lightning network. Money moves from sender to receiver through payment channels. A channel is opened through a multi-signature contract. Once a payment channel with a certain liquidity is established, both counterparties can arbitrarily often send payments back and forth without having to close the channel.

Putting "Liquidity" in context

Liquidity in a lightning channel refers to the capacity to send or receive bitcoin as a participant in the network. It should not be mistaken for Total Value Locked (TVL), a common metric in other layer-2 technologies. While lightning focuses on payments, other ecosystems often emphasize staking and lending. The available liquidity is not necessarily a reliable indicator of network activity. What truly matters is how efficiently this capacity is utilized. For instance, if 5,000 bitcoin are added to lightning tomorrow, it won't impact the network unless that liquidity is actively used.

1 bitcoin = 100 000 000 satoshi (sats)

Only Alby Hubs connected to an Alby Account are included in this statistic.

Channel lease duration may extend with high payment activity or shorten if a channel partner is frequently offline.

Lightning Service Providers

FLASHSATs

Flashsats

[Node profile](#)

Channel lease: min. 0.5 month

LNSERVER

LNServer Wave

[Node profile](#)

Channel lease: no limit announced



Megalith LSP

[Node profile](#)

Channel lease: 3 months



Olympus by Zeus

[Node profile](#)

Channel lease: 12 months

LQwD

LQwD

[Node profile](#)

Channel lease: no limit announced