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Solana Hits Record Transactions as Crypto Momentum Builds

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— *Categories: Crypto*

Solana briefly surpassed 100,000 transactions per second (TPS) over the weekend, marking a new milestone for blockchain performance and sparking renewed attention in the cryptocurrency market.

According to Helius co-founder Mert Mumtaz, a Solana block processed 43,016 successful transactions alongside 50 failed ones late on Sunday, resulting in a peak throughput of 107,540 TPS. While most of these were lightweight program calls designed to stress-test network capacity, the figure highlights Solana's capability to handle significantly higher loads than many competing blockchains.

Mumtaz suggested that even when applied to more complex operations, Solana could sustain 80,000–100,000 TPS. This scalability is seen as increasingly relevant as financial institutions explore blockchain-based applications such as tokenised equities. Projects like xStocks are already positioning Solana as a preferred network for such services.

The milestone has also reignited discussion about Solana's price performance. The token, which has been trading within an ascending pattern since mid-April, currently finds support around \$175, with resistance near \$207. Market watchers note that a break above the \$207 threshold could pave the way for further gains, although the \$166 level remains a possible near-term support if downward pressure resumes.

Technical indicators present a mixed picture. Relative Strength Index (RSI) readings suggest buying momentum remains intact, while the Moving Average Convergence Divergence (MACD) is nearing a potential bearish crossover. Analysts caution that price movements

may continue to be influenced by broader market factors, including the upcoming U.S. Federal Reserve interest rate decision in September.

Solana's performance arrives as other major cryptocurrencies also work to address long-standing scalability challenges. Bitcoin, for instance, has been constrained by high fees and slower transaction speeds compared to newer blockchains. However, development of layer-2 solutions is ongoing, aiming to improve efficiency while maintaining Bitcoin's security framework.

Institutional adoption remains a key theme across the sector. With growing interest in exchange-traded funds (ETFs) and digital assets for corporate treasuries, market participants expect blockchain platforms capable of handling high transaction volumes to play a central role in the next growth phase.

While the latest throughput achievement underscores Solana's technical progress, analysts emphasise that long-term performance will depend on regulatory clarity and sustained adoption from financial institutions. Price predictions vary widely, but most agree that the network's scalability positions it strongly for future demand in tokenized assets and decentralised applications.

For now, Solana's milestone highlights the pace at which blockchain technology continues to evolve, underlining its potential to shape the next chapter of global finance.