

Blockchain Facts: Maximum TPS Comparison

The table below compares the maximum TPS of leading blockchain networks, ranked from highest to lowest as of February 25, 2025.

Blockchain Network	Maximum TPS	Layer Type
1. AtlantisChain	1,550,000	Layer 0
2. Sonic	396,825	Ethereum Layer 2.0
3. ICP	209,708	Layer 1
4. Aptos	160,000	Layer 1
5. Solana	65,000	Layer 1
6. Taraxa	50,000	Layer 1
7. Arbitrum	40,000	Ethereum Layer 2.0
8. Hedera	10,000	Layer 1
9. Sei	12,500	Layer 1
10. opBNB	4,762	BNB Chain Layer 2.0
11. BNB Chain	2,222	Layer 1
12. Avalanche	1,191	Layer 1
13. Base	1,429	Ethereum Layer 2.0
14. Polygon	714	Ethereum Layer 2.0
15. Ethereum	119	Layer 1
16. TON	<i>Data Not Available</i>	Layer 1
17. PI Network	<i>Data Not Available</i>	Layer 1
18. Bitcoin	7	Layer 1

Key Insights:

- 1) *Technically, AtlantisChain leads with up to 1,550,000 TPS, making it the fastest blockchain.*
- 2) *Ethereum Layer 2.0 solutions like Arbitrum, Base, and Polygon significantly improve Ethereum's scalability.*
- 3) *BNB Chain Layer 2.0 (opBNB) enhances transaction throughput for the BNB ecosystem.*
- 4) *Bitcoin remains the slowest blockchain.*
- 5) *Blockchain performance is subject to updates as technology advances and network conditions evolve.*