TwelveData $229 Plan

Capacity Analysis Report

Generated: December 17, 2025

API Plan: Pro ($229/month)

KEY FINDING: You are using less than 1% of your TwelveData plan capacity!

Current API Usage Status

Metric	Value
Plan Category	Pro
Credits per Minute	800
Credits per Day (Theoretical)	1,152,000
Current Daily Usage	~7,200
Capacity Utilization	0.63%
Unused Capacity	99.37%

Available Data vs Currently Extracted

Asset Type	Available	Extracted	Utilization
US Stocks (NYSE+NASDAQ)	7,641	152	2.0%
Cryptocurrencies	2,136	45	2.1%
Forex Pairs	1,459	30	2.1%
US ETFs	10,299	40	0.4%
Indices	1,355	9	0.7%

Commodities	60	14	23.3%
US Mutual Funds	82,695	15	0.02%
TOTAL	**105,645**	**305**	**0.29%**

Daily Data Extraction Capacity

Metric	Current	Potential
Symbols Tracked	305	2,000+
Daily API Calls	~7,200	100,000+
Capacity Used	0.63%	10%+
Records per Day	7,200	100,000+
Data Points/Month	10 Million	100+ Million

Expansion Opportunities

Option 1: Conservative Expansion

Expand to full S&P; 500 coverage

Asset	Current	Proposed	Additional Calls
Stocks	152	500	+348
Impact			< 1% capacity

Option 2: Moderate Expansion (Recommended)

Triple symbol coverage across all asset classes

Asset Type	Current	Proposed	Additional
Stocks	152	500	+348
Crypto	45	100	+55
ETFs	40	150	+110
Forex	30	50	+20
Indices	9	30	+21
Commodities	14	40	+26
Funds	15	50	+35
TOTAL	**305**	**920**	**+615**

Result: 3x data coverage at only 2% capacity

Additional Endpoints Available (Not Yet Used)

Fundamentals Data

Endpoint	Data Provided
/earnings	Quarterly earnings reports
/earnings_calendar	Upcoming earnings dates
/dividends	Dividend history
/dividends_calendar	Ex-dividend dates
/statistics	P/E ratio, Beta, Market Cap

/profile	Company description, sector
/financials	Balance sheet, income statement
/cash_flow	Cash flow statements

Recommendations for Maximum Value

Phase 1: Immediate (This Week)

1. Expand to full S&P; 500 (add 348 stocks)

2. Add top 100 cryptocurrencies (add 55 cryptos)

3. Add top 100 ETFs (add 60 ETFs)

4. Enable fundamentals endpoints (earnings, dividends)

Impact: 2x data, still under 3% capacity

Phase 2: Short-Term (Next Month)

1. Add international stocks (FTSE 100, DAX 40)

2. Expand all valid indices

3. Historical backfill (5+ years daily data)

4. Weekly financial statements

Impact: 3x data, under 5% capacity

Executive Summary

Current State: Extracting 305 symbols using ~7,200 API calls/day (0.63% of capacity)

Available Capacity: 1,152,000 API calls/day with $229 plan

Opportunity: Can expand to 2,000+ symbols and add fundamentals data while using only 10% of plan capacity

Recommendation: Implement Phase 1 expansion immediately to maximize ROI on $229/month investment