

Investment Analysis Report - NVDA

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Technical Analysis

Signal: neutral
Confidence: 0%

Fundamental Analysis

Signal: bullish
Confidence: 60%

Analysis Details:

Profitability:

signal: bullish
details: ROE: 116.70%, Net Margin: 55.70%, Op Margin: 64.59%

Growth:

signal: bullish
details: Revenue Growth: 17.61%, Earnings Growth: 18.99%

Financial Health:

signal: bullish
details: Current Ratio: 4.11, D/E: 0.46

Price Ratios:

signal: bearish
details: P/E: 55.05, P/B: 52.69, P/S: 30.65

Intrinsic Value:

signal: bearish
details: Intrinsic Value: \$1,338,264,524,991.31, Market Cap: \$3,426,885,700,000.00

Sentiment Analysis

Signal: bearish
Confidence: 100%
Reasoning: Bullish signals: 0, Bearish signals: 1

Risk Analysis

Risk Score: 10/10
Trading Action: hold
Max Position Size: \$12,500.00

Risk Metrics:

Metric	Value
Volatility	37.09%
Value At Risk 95	-3.64%
Max Drawdown	-13.41%
Market Risk Score	500.00%
Stress Test Results	market_crash: {'potential_loss': -0.0, 'portfolio_impact': -0.0}, moderate_decline: {'potential_loss': -0.0, 'portfolio_impact': -0.0}, slight_decline: {'potential_loss': -0.0, 'portfolio_impact': -0.0}

Portfolio Management Decision

Action: hold
Quantity: 0
Reasoning: Risk management mandates a 'hold' action, which is a strict constraint. Fundamental analysis shows a bullish signal with 60% confidence, indicating a positive outlook driven by profitability and growth, though offset by bearish intrinsic value and price ratios. Technical analysis is neutral and does not provide additional timing signals. Sentiment analysis is bearish with 100% confidence, suggesting market sentiment is negative. Given the risk management directive and mixed signals, a hold action aligns with the overall risk and market conditions.