



NVIDIA

DEEP DIVE / NVDA

Data-center demand, accelerated computing and margin sensitivity

Edition 2026-08-20 | 3 weighted credits | 95 pages

PRICE, EARNINGS POWER AND THE CORE DEBATE

Investment snapshot

MARKET PRICE USD 217.44 as of 2026-08-20	MARKET CAP \$5,330.3B price x diluted shares	ENTERPRISE VALUE \$5,278.8B market cap + debt - cash	BASE DCF / SHARE USD 103.66 Northstar scenario
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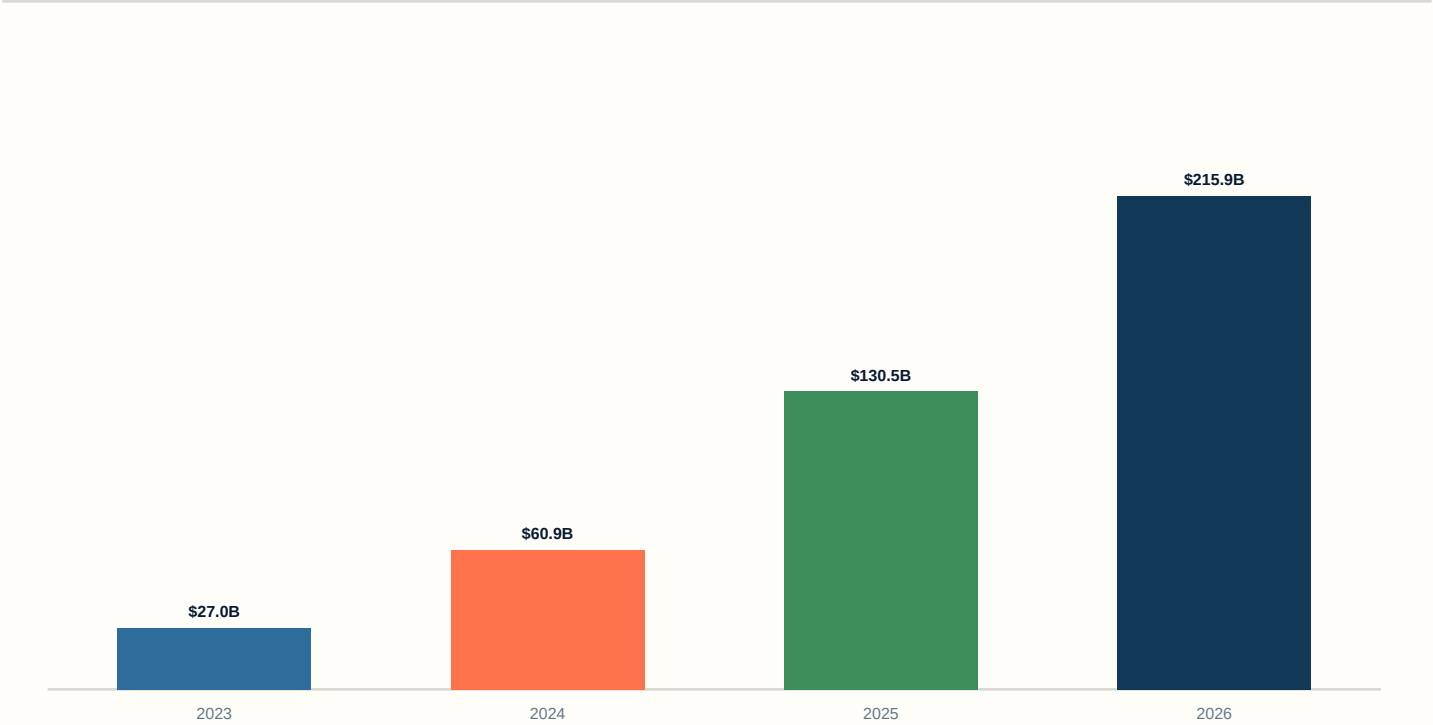
Current operating evidence

NVIDIA enters this edition with \$215.9B of latest annual revenue, 65.5% reported growth, and 44.8% fcf margin. The underwriting question is data-center demand, accelerated computing and margin sensitivity.

Latest annual measure	Value	Growth / margin
Revenue	\$215.9B	65.5%
Operating income	\$130.4B	60.4%
Net income	\$120.1B	55.6%
Free cash flow	\$96.7B	44.8%
Debt less cash	-\$51.5B	debt - cash

REPORTED SCALE AND PROFIT CONVERSION

Historical operating record



SOURCE / Yahoo Finance annual fundamentals or standardized SEC XBRL facts. Bars are revenue in billions.

Period	Revenue	Op. income	Op. margin	Net income	FCF
2023	\$27.0B	\$5.6B	20.7%	\$4.4B	\$3.8B
2024	\$60.9B	\$33.0B	54.1%	\$29.8B	\$27.0B
2025	\$130.5B	\$81.5B	62.4%	\$72.9B	\$60.9B
2026	\$215.9B	\$130.4B	60.4%	\$120.1B	\$96.7B

The latest record shows 65.5% revenue growth and 60.4% operating margin. The forecast does not extrapolate either mechanically; each converges toward a sector-informed steady state.

UNDERWRITING CONDITIONS AND FALSIFICATION CRITERIA

Driver map and variant view

- 01

Data-center demand
Identify the primary reported KPI, its direction and the evidence needed for a durable change.
- 02

Accelerated computing
Separate volume, price and mix so a favorable headline does not hide weakening economics.
- 03

Margin sensitivity
Connect the operating datapoint to revenue, margin and cash rather than stopping at narrative momentum.
- 04

Cash conversion versus accounting earnings
Reconcile operating profit to cash after working capital, capital expenditure and taxes.
- 05

Incremental returns on reinvestment
Require incremental returns above the discount rate before capitalizing reinvestment into terminal value.

VARIANT-VIEW TEST

Northstar base growth is 21.5%. The current price implies 50.1% five-year growth path at the modeled FCF margin. The gap is the debate, not a recommendation.

THESIS BREAKER

Rebuild the model if data-center demand weakens while reinvestment rises and free-cash-flow margin falls more than 300 basis points below the base case.

ANALYTICAL DECOMPOSITION, NOT REPORTED SEGMENT GUIDANCE

Segment-level forecast

Analytical segment	Mix	Current	Y1 growth	Y3 revenue	3Y change
Data-center demand	60.0%	\$129.6B	21.5%	\$223.6B	\$94.0B
Accelerated computing	25.0%	\$54.0B	26.8%	\$106.2B	\$52.2B
Core platform	15.0%	\$32.4B	18.2%	\$51.5B	\$19.1B



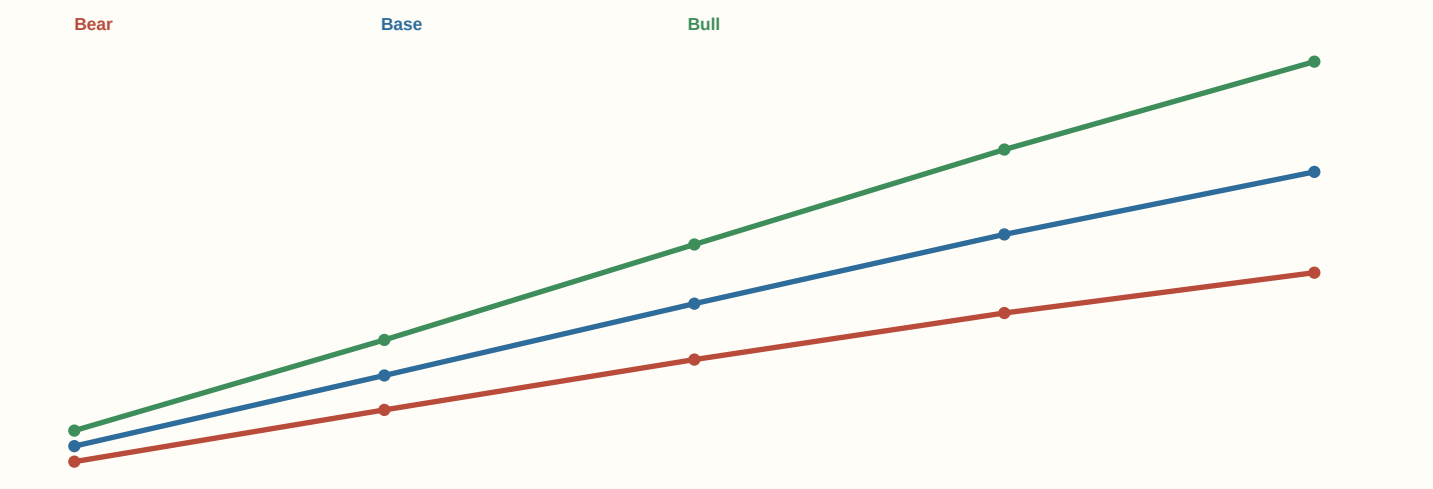
This split translates data-center demand, accelerated computing and margin sensitivity into three separately forecastable economic buckets. It is an analytical allocation because standardized filings do not provide a uniform cross-company segment taxonomy. Reported segment disclosures should replace these weights during a company-specific update.

SOURCE / Northstar analytical allocation using latest reported revenue. Segment weights are estimates, clearly separated from reported company segments.

COHERENT OPERATING PATHS, NOT MULTIPLE-ONLY OUTCOMES

Scenario valuation

Case	Y1 growth	FCF margin	WACC	Terminal g	Y5 revenue	Value/share
Bear	16.5%	40.8%	10.5%	1.5%	\$382.9B	USD 62.58
Base	21.5%	44.8%	9.5%	2.5%	\$453.0B	USD 103.66
Bull	26.5%	48.8%	8.5%	3.0%	\$529.7B	USD 170.10



SOURCE / Northstar estimates and calculations. Lines show five forecast years of revenue in billions; scenarios change growth, cash conversion, discount rate and terminal growth together.

At the dated market price of USD 217.44, the base-case DCF indicates -52.3% versus spot. This is model output, not a target price or recommendation.

EVERY MAJOR ASSUMPTION EXPOSED

DCF mechanics and forecast

Forecast	Revenue	FCF margin	Unlev. FCF	Present value
Year 1	\$262.3B	44.8%	\$117.4B	\$107.2B
Year 2	\$311.4B	44.8%	\$139.4B	\$116.3B
Year 3	\$361.3B	44.8%	\$161.8B	\$123.2B
Year 4	\$409.5B	44.8%	\$183.3B	\$127.5B
Year 5	\$453.0B	44.8%	\$202.8B	\$128.8B

Formula sequence

Revenue[t] = Revenue[t-1] x (1 + growth[t])
FCF[t] = Revenue[t] x FCF margin[t]
PV[t] = FCF[t] / (1 + WACC)^t
Terminal value = FCF[5] x (1 + g) / (WACC - g)
Equity value = enterprise value - debt + cash
Per-share value = equity value / diluted shares

Valuation bridge	Base case
PV of explicit FCF	\$603.1B
PV of terminal value	\$1,886.5B
Enterprise value	\$2,489.5B
Less debt	-\$11.0B
Add cash	\$62.6B
Equity value	\$2,541.1B
Diluted shares	24.51B
Value per share	USD 103.66

OBSERVABLE EVIDENCE FOR THE NEXT MODEL UPDATE

Catalysts, risks and monitoring

CATALYSTS

- 01

Evidence of acceleration in data-center demand
- 02

Evidence of acceleration in accelerated computing
- 03

Evidence of acceleration in margin sensitivity
- 04

A filing that changes cash conversion or capital allocation

RISKS

- 01

Deterioration in data-center demand while expectations remain high
- 02

Deterioration in accelerated computing while expectations remain high
- 03

Deterioration in margin sensitivity while expectations remain high
- 04

Cash generation fails to track reported earnings

Monitoring KPI	Current reading	Update source
Revenue growth	65.5%	Quarterly / annual filing
Operating margin	60.4%	Income statement
FCF margin	44.8%	Cash-flow statement
Net debt	-\$51.5B	Balance sheet
Price-implied growth	50.1%	Reverse DCF

SOURCE / Northstar monitoring framework; current readings calculated from the dated public fundamentals and market snapshot.

CALCULATED PEER MULTIPLES FROM ONE DATED SNAPSHOT

Comparable-company table

Company	EV / sales	P / E	FCF yield	Latest growth
NVDA	24.4x	44.4x	1.8%	65.5%
META	7.0x	23.2x	3.3%	22.2%
MSFT	10.8x	26.9x	1.9%	17.8%
GOOGL	10.2x	31.6x	1.8%	15.1%
DELL	2.8x	50.9x	2.8%	18.8%
AAPL	11.5x	42.4x	2.1%	6.4%
ACN	1.6x	15.1x	9.4%	7.4%

PEER MEDIAN EV / SALES

10.2x

six nearest same-sector peers

IMPLIED ENTERPRISE VALUE

\$2,203.6B

median x latest revenue

IMPLIED EQUITY VALUE

\$2,255.1B

EV - debt + cash

IMPLIED PER SHARE

USD 91.99

reference, not target

Peer selection uses the nearest latest-revenue scale inside Northstar's catalog sector. This makes the calculation reproducible, but business mix, geography, accounting and capital intensity can still make a statistically close peer economically weak.

MARKET-IMPLIED OPERATING REQUIREMENTS

Reverse DCF: market-implied assumptions

OBSERVED PRICE USD 217.44 dated market input	PRICE-IMPLIED GROWTH 50.1% five-year starting growth	NORTHSTAR BASE GROWTH 21.5% explicit estimate	IMPLIED - NORTHSTAR 28.7% expectation gap
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Start growth	Y5 revenue	Y5 FCF	DCF/share	vs. price
44.1%	\$864.4B	\$387.0B	USD 187.76	-13.7%
47.1%	\$935.7B	\$418.9B	USD 202.16	-7.0%
50.1%	\$1,011.5B	\$452.9B	USD 217.44	0.0%
53.1%	\$1,092.2B	\$489.0B	USD 233.64	7.5%
56.1%	\$1,177.8B	\$527.3B	USD 250.81	15.3%

Solver definition

Find growth g such that $\text{DCF equity value}(g, \text{current FCF margin, sector WACC, 2.5\% terminal growth})$ divided by diluted shares equals the observed stock price. A binary search solves g between -20% and 70%.

For NVIDIA, the resulting 50.1% implied path should be compared with evidence around data-center demand, accelerated computing and margin sensitivity. The solver holds margin constant, so growth and margin expectations can substitute for one another in the real market price.

DISCOUNT RATE VERSUS TERMINAL GROWTH

DCF sensitivity

WACC / g	1.0%	2.0%	2.5%	3.0%	4.0%
7.5%	115.81	134.29	146.29	160.96	202.86
8.5%	99.91	113.14	121.41	131.17	157.20
9.5%	87.78	97.66	103.66	110.57	128.17
10.5%	78.23	85.84	90.37	95.49	108.09
11.5%	70.50	76.53	80.05	83.97	93.39

The center cell uses Northstar's sector discount rate and 2.5% terminal growth. Sensitivity is a range of mechanically consistent outputs, not a probability-weighted price target. Terminal value should be cross-checked against the resulting mature FCF multiple.

TERMINAL VALUE SHARE

75.8%

of enterprise value

BASE WACC

9.5%

sector-informed

TERMINAL GROWTH

2.5%

long-run nominal

BASE VALUE/SHARE

USD 103.66

center framework

FROM OPERATING VALUE TO EQUITY VALUE

Balance sheet and valuation bridge

Bridge item	Calculated value	Formula / source
Market capitalization	\$5,330.3B	Observed price x diluted shares
Debt	\$11.0B	Latest annual public fundamental
Cash + short investments	\$62.6B	Latest annual public fundamental
Net debt	-\$51.5B	Debt less cash
Enterprise value	\$5,278.8B	Market cap + debt - cash
EV / sales	24.4x	EV / latest annual revenue
FCF yield	1.8%	Latest annual FCF / market cap

The bridge prevents a common valuation error: comparing an enterprise-value multiple with an equity-value numerator. Cash and debt are point-in-time annual inputs and can move materially after issuance, acquisitions, repurchases or a large working-capital swing.

CHANGE THE ASSUMPTION TOUCHED BY NEW EVIDENCE

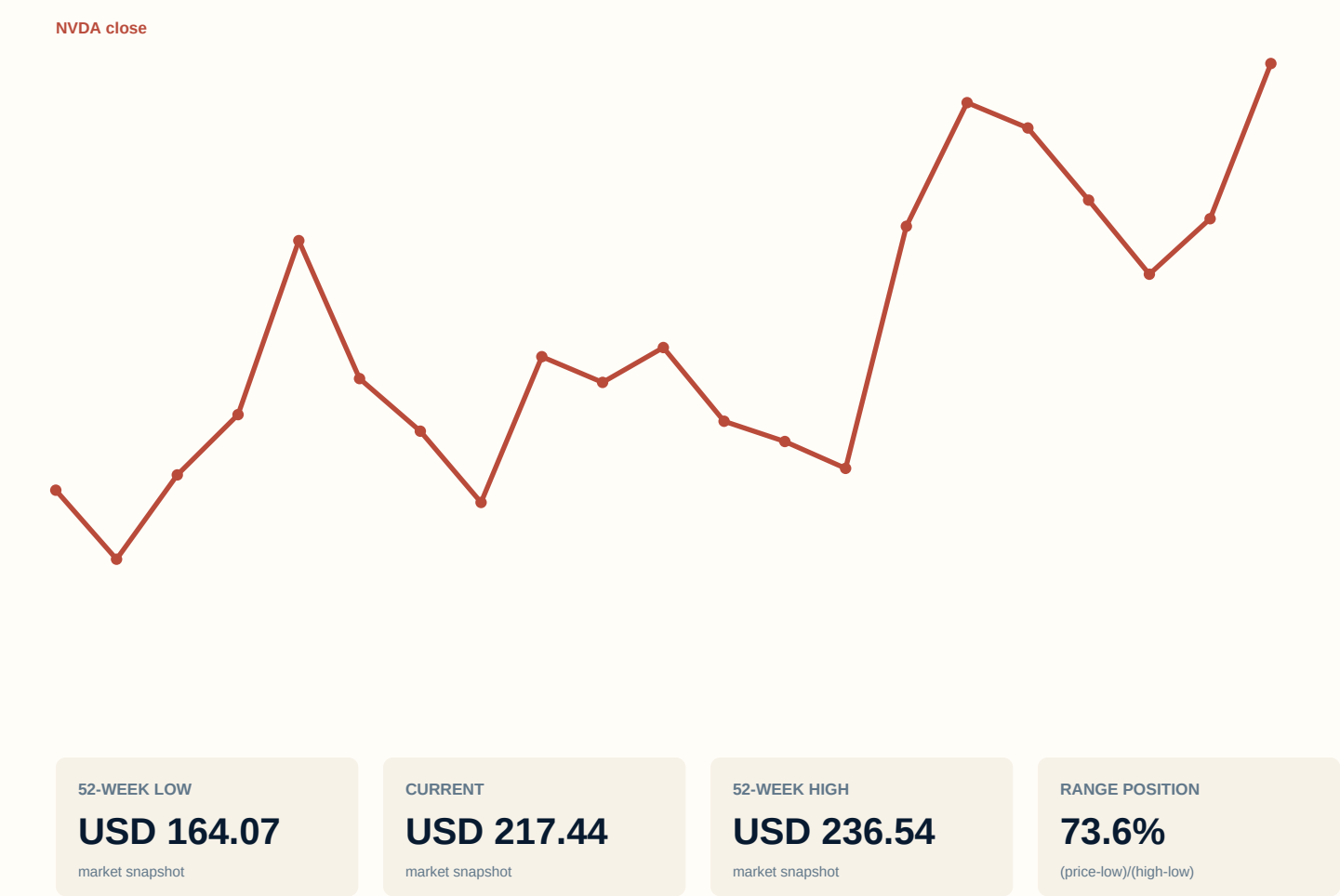
Quarterly model update sheet

Metric / debate	Primary evidence	Decision	Required model action
Data-center demand	Filing / earnings release	Hold / raise / cut	Update model driver and write one-sentence evidence note
Accelerated computing	Filing / earnings release	Hold / raise / cut	Update model driver and write one-sentence evidence note
Margin sensitivity	Filing / earnings release	Hold / raise / cut	Update model driver and write one-sentence evidence note
Revenue growth	Filing / earnings release	Hold / raise / cut	Update model driver and write one-sentence evidence note
Operating margin	Filing / earnings release	Hold / raise / cut	Update model driver and write one-sentence evidence note
Free-cash-flow conversion	Filing / earnings release	Hold / raise / cut	Update model driver and write one-sentence evidence note

A disciplined refresh changes the smallest possible set of assumptions. Reported revenue does not automatically change terminal growth; a one-quarter working-capital release does not automatically change normalized FCF margin. The change log should record the old input, new input, source and valuation effect.

ONE-YEAR RANGE AND EXPECTATION RISK

Market-price context



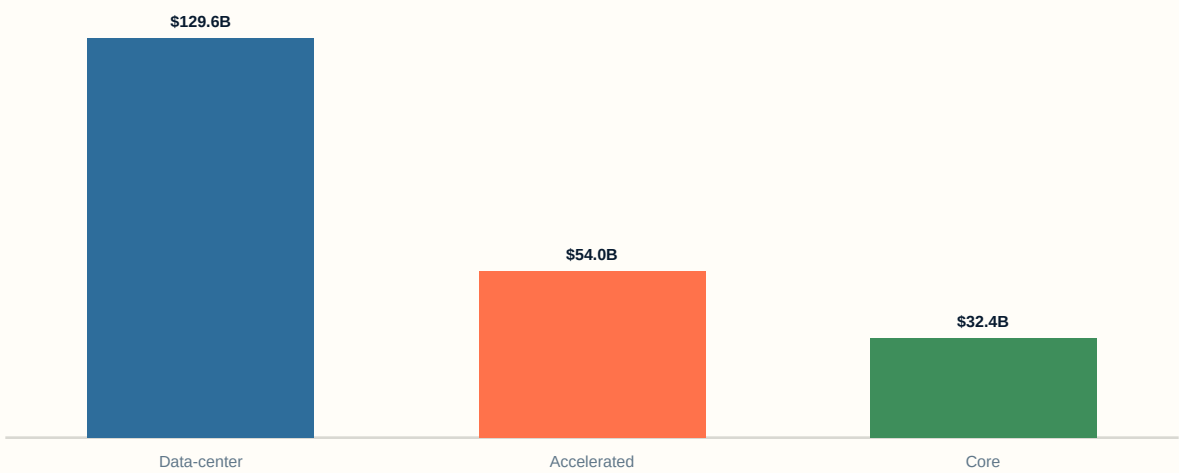
Price history is context, not valuation. The useful analytical question is whether the operating evidence has changed enough to justify the expectations embedded in the current enterprise value and reverse DCF.

WHERE CONSOLIDATED VARIANCE IS CREATED

Segment scenario matrix

Analytical segment	Current mix	Bear g	Base g	Bull g	Current revenue
Data-center demand	60.0%	16.5%	21.5%	26.5%	\$129.6B
Accelerated computing	25.0%	21.8%	26.8%	31.8%	\$54.0B
Core platform	15.0%	13.2%	18.2%	23.2%	\$32.4B

The matrix makes consolidated scenario dispersion traceable. For NVIDIA, the highest-leverage segment is the one most directly exposed to data-center demand, accelerated computing and margin sensitivity; changing its growth rate affects both mix and consolidated margin rather than simply moving every segment together.



SOURCE / Northstar analytical segment allocation and scenario assumptions; not reported company segment guidance.

LABELS MATTER WHEN DATA ACCESS DIFFERS

Northstar versus consensus

Assumption	Northstar base	Consensus	Market-implied / observed
Starting revenue growth	21.5%	Not licensed in this edition	50.1%
FCF margin	44.8%	Not licensed in this edition	44.8%
Discount rate	9.5%	Not applicable	9.5%
Terminal growth	2.5%	Not applicable	2.5%
Value / share	USD 103.66	Not presented	USD 217.44

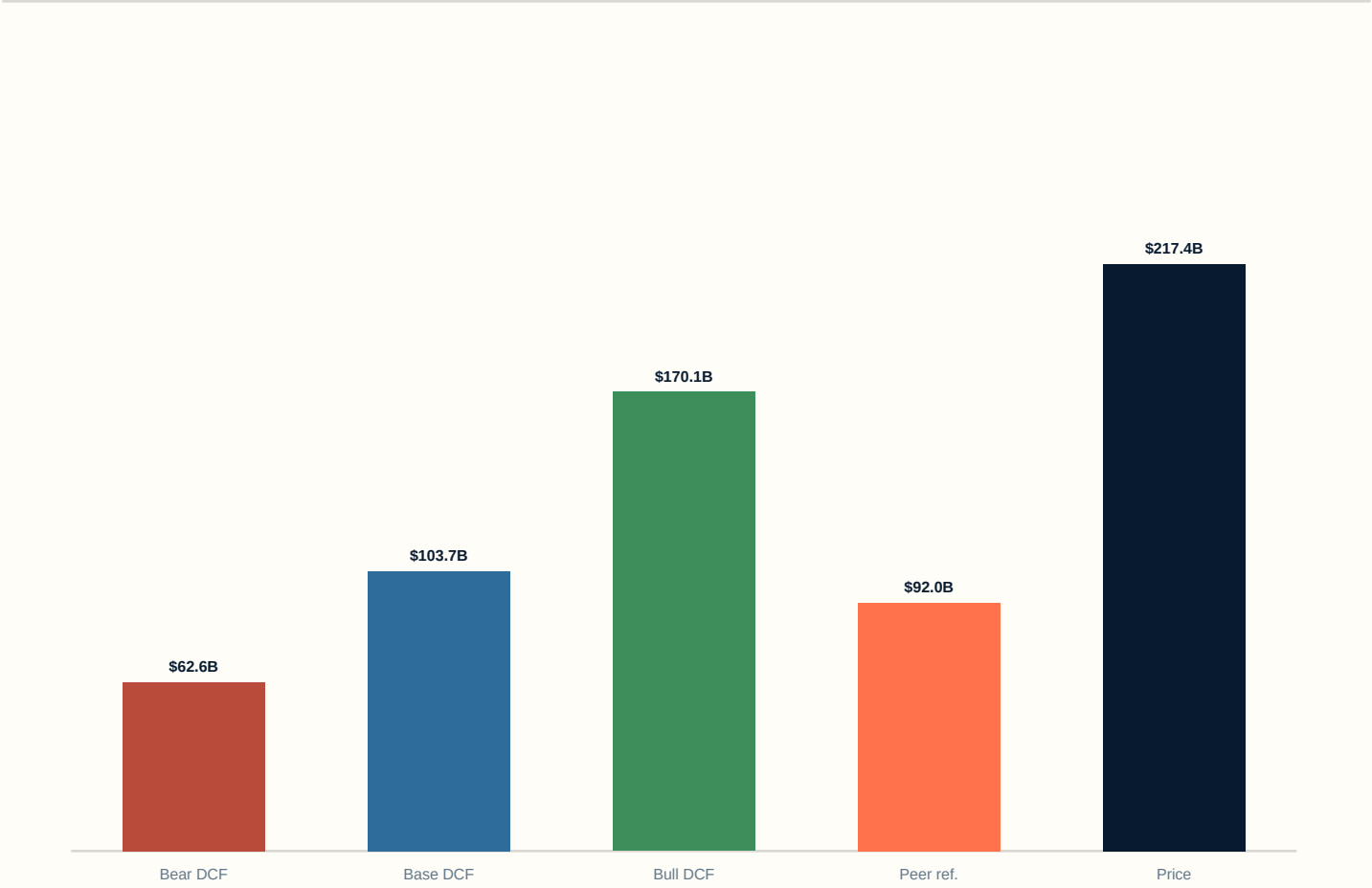
CONSENSUS DISCLOSURE

Northstar does not license a standardized sell-side consensus feed for this edition. The consensus column is therefore labeled unavailable rather than populated with an invented estimate. The observable market price and reverse-DCF solution are shown as a separate expectations benchmark.

Analytical implication: the price-implied starting growth of 50.1% differs from the Northstar base by 28.7%. The relevant evidence is data-center demand, accelerated computing and margin sensitivity.

DCF, PEER REFERENCE AND OBSERVED PRICE

Valuation triangulation



SOURCE / Northstar DCF scenarios; calculated same-sector peer-median EV/sales reference; observed market price. All values per diluted share.

Method	Per share	Interpretation
Bear DCF	USD 62.58	Lower growth/margin; higher discount rate
Base DCF	USD 103.66	Northstar explicit assumptions
Bull DCF	USD 170.10	Higher growth/margin; lower discount rate
Peer reference	USD 91.99	Median peer EV/sales bridge
Observed price	USD 217.44	Dated market input

GROWTH IS USEFUL ONLY WHEN INCREMENTAL RETURNS CLEAR THE HURDLE

Capital allocation and return test

OPERATING INCOME \$130.4B latest annual	FREE CASH FLOW \$96.7B latest annual	FCF / OP. INCOME 74.1% cash conversion	IMPLIED REINVESTMENT \$33.7B op. income less FCF
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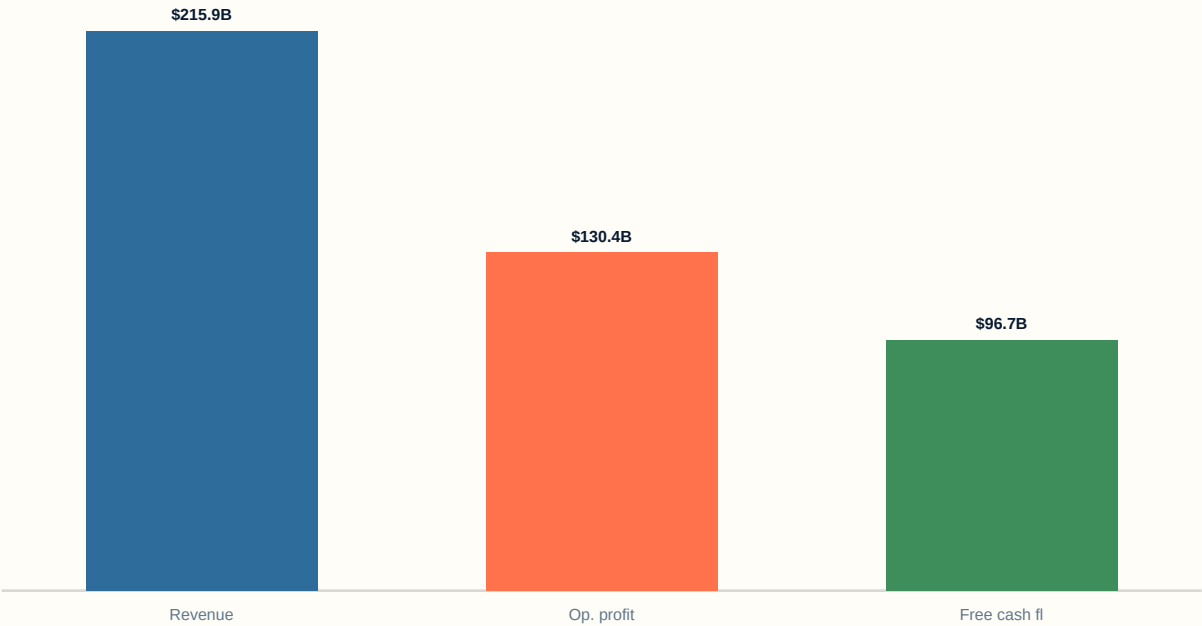
Use of cash	Decision test	Model evidence
Organic reinvestment	Does incremental gross profit exceed incremental fixed and capital cost?	Growth + margin + FCF
Acquisitions	Does the deal clear WACC after integration and dilution?	ROIC + leverage
Repurchases	Is the repurchase price below intrinsic value after funding needs?	Per-share value
Dividends / debt	Does balance-sheet resilience improve downside survival?	Net debt + coverage

For NVIDIA, capital allocation should be read through data-center demand, accelerated computing and margin sensitivity. A rising investment budget is not automatically bullish; the model should require observable revenue, margin or retention evidence before capitalizing the spend into terminal value.

SOURCE / Northstar calculations using latest annual operating income and free cash flow; qualitative decision tests are analytical framework, not company guidance.

REVENUE-TO-CASH CONVERSION

Operating leverage bridge



SOURCE / Latest annual revenue, operating income and free cash flow from the cited public fundamentals; Northstar margin calculations.

Conversion step	Amount	Share	Interpretation
Revenue to operating profit	\$85.6B	39.6%	COGS plus operating expense
Operating profit to FCF	\$33.7B	25.9%	Taxes, working capital, capex and other
Reported operating margin	\$130.4B	60.4%	Operating income / revenue
Reported FCF margin	\$96.7B	44.8%	Free cash flow / revenue

The base case assumes NVIDIA can defend 44.8% cash conversion while underwriting data-center demand, accelerated computing and margin sensitivity. If growth requires materially higher capital intensity, the model should cut FCF margin even when operating margin appears stable.

REPORTED PROFIT VERSUS CASH EVIDENCE

Earnings-quality bridge

Measure / bridge	Latest annual	% of revenue / gap	Analytical use
Operating income	\$130.4B	60.4%	Operating statement anchor
Net income	\$120.1B	55.6%	After interest, tax and non-operating items
Free cash flow	\$96.7B	44.8%	Cash after capital expenditure
FCF less net income	-\$23.4B	-19.5%	Conversion gap requiring reconciliation
FCF less operating income	-\$33.7B	-25.9%	Cash burden below operating profit



For NVIDIA, valuation should emphasize the measure that best survives the reconciliation. A large gap does not prove low quality by itself, but it requires an explanation in working capital, capital intensity, stock compensation, taxes or non-operating items before the margin is treated as durable.

REPRODUCE THE REPORT'S CORE CALCULATIONS

Formula and model guide

Revenue growth $\text{Revenue}[t] / \text{Revenue}[t-1] - 1$

Operating margin $\text{Operating income} / \text{Revenue}$

FCF margin $\text{Free cash flow} / \text{Revenue}$

Market capitalization $\text{Share price} \times \text{diluted average shares}$

Enterprise value $\text{Market cap} + \text{total debt} - \text{cash and short investments}$

EV / sales $\text{Enterprise value} / \text{latest annual revenue}$

FCF yield $\text{Latest annual free cash flow} / \text{market capitalization}$

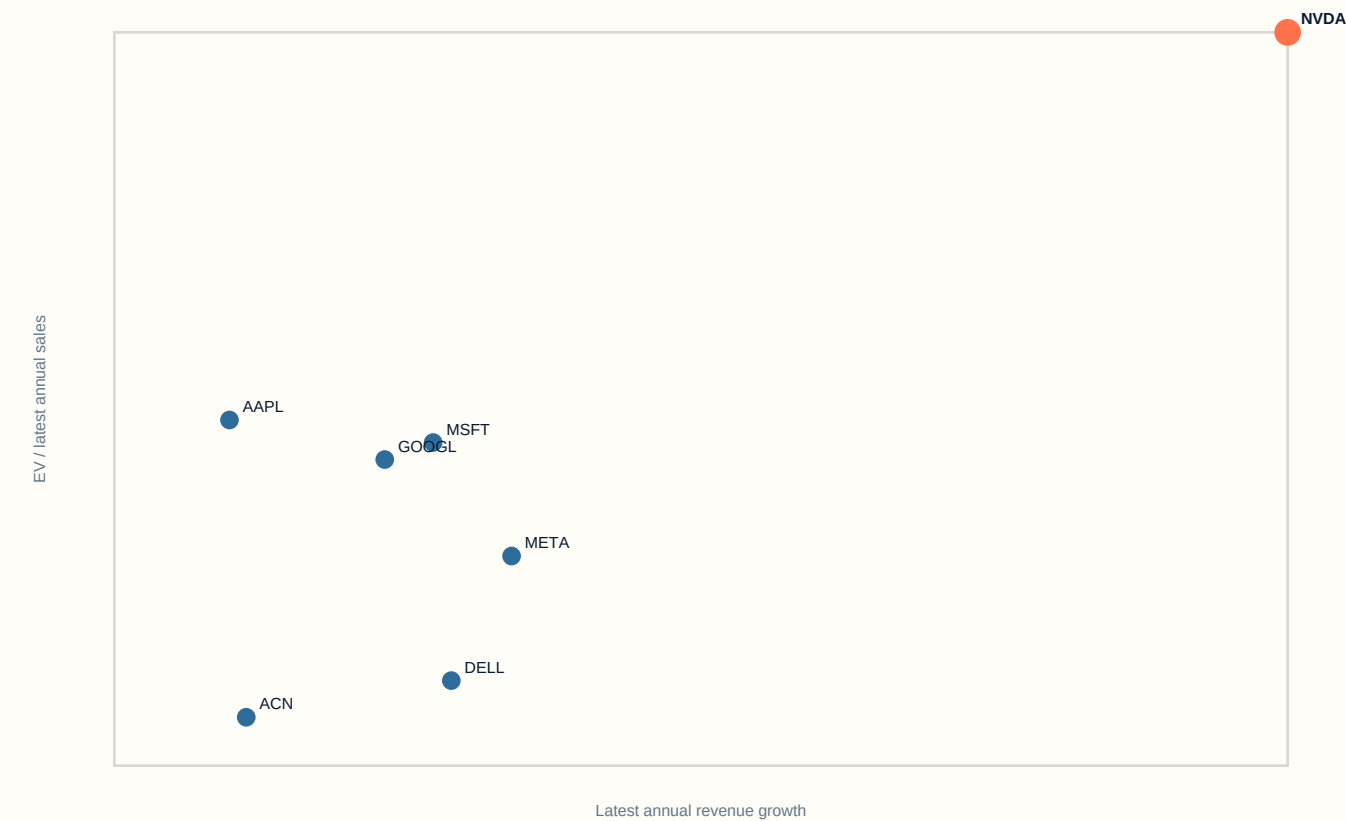
DCF terminal value $\text{FCF}[5] \times (1 + \text{terminal } g) / (\text{WACC} - \text{terminal } g)$

Equity bridge $\text{DCF enterprise value} - \text{debt} + \text{cash}$

Reverse DCF $\text{Solve starting growth where DCF/share} = \text{observed price}$

RELATIVE GROWTH AND EV / SALES POSITIONING

Growth versus valuation map

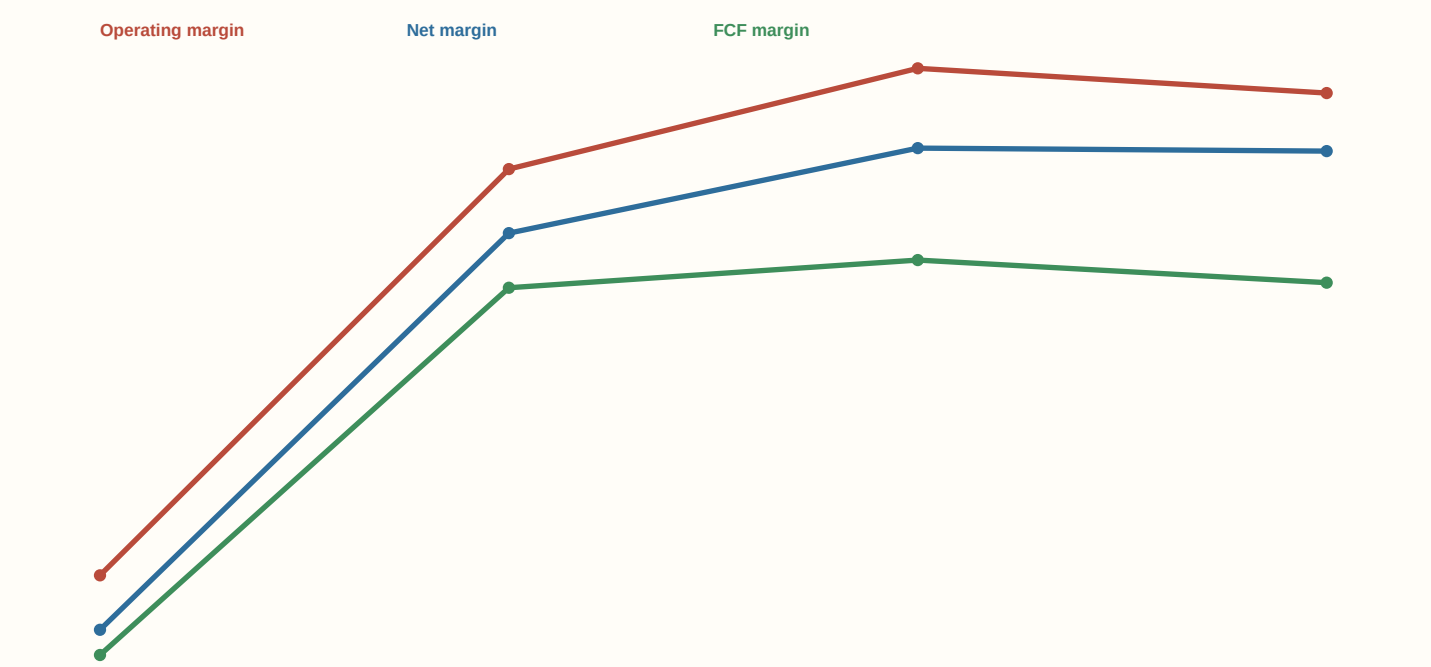


SOURCE / Same dated Yahoo Finance market/fundamentals snapshot for subject and six nearest-revenue same-sector peers; Northstar calculations.

Ticker	Latest growth	EV / sales	Role
NVDA	65.5%	24.4x	Subject
AAPL	6.4%	11.5x	Peer
MSFT	17.8%	10.8x	Peer
GOOGL	15.1%	10.2x	Peer
META	22.2%	7.0x	Peer
DELL	18.8%	2.8x	Peer
ACN	7.4%	1.6x	Peer

MARGINS ACROSS THE HISTORICAL RECORD

Cash-conversion trend



SOURCE / Yahoo Finance annual fundamentals or standardized SEC XBRL facts; Northstar margin calculations.

Period	Op. margin	Net margin	FCF margin	FCF
2023	20.7%	16.2%	14.1%	\$3.8B
2024	54.1%	48.8%	44.4%	\$27.0B
2025	62.4%	55.8%	46.6%	\$60.9B
2026	60.4%	55.6%	44.8%	\$96.7B

The latest FCF margin of 44.8% is the cash anchor for valuation. A widening spread between operating and FCF margins should be explained through working capital, capital expenditure, taxes or non-cash compensation before it is normalized away.

RELATIVE VALUATION SENSITIVITY BY MODEL INPUT

Driver sensitivity / tornado



Driver	Adverse value	Impact	Favorable value	Impact
Starting growth	USD 98.05	-5.4%	USD 109.52	5.7%
FCF margin	USD 97.11	-6.3%	USD 110.20	6.3%
WACC	USD 90.37	-12.8%	USD 121.41	17.1%
Terminal growth	USD 97.66	-5.8%	USD 110.57	6.7%

OPERATING SENSITIVITY BEFORE DISCOUNT-RATE SENSITIVITY

Growth / margin valuation matrix

FCF mgn / g	17.5%	19.5%	21.5%	23.5%	25.4%
40.8%	81.05	85.70	90.57	95.67	100.99
42.8%	86.88	91.88	97.11	102.59	108.32
44.8%	92.70	98.05	103.66	109.52	115.65
46.8%	98.53	104.23	110.20	116.45	122.99
48.8%	104.35	110.41	116.74	123.38	130.32

This matrix isolates the operating debate. The center cell is Northstar's base starting growth and current normalized FCF margin. Rows ask how much conversion matters; columns ask how much revenue durability matters. Use it before changing WACC to force a desired answer.

BASE GROWTH

21.5%

center column

BASE FCF MARGIN

44.8%

center row

OBSERVED PRICE

USD 217.44

comparison

BASE DCF

USD 103.66

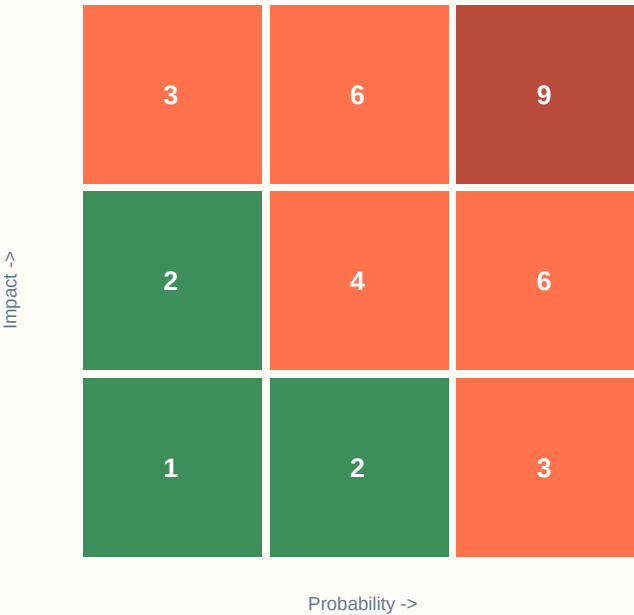
center output

PROBABILITY, IMPACT AND THE EVIDENCE TO WATCH

Risk heatmap

Risk	Probability	Impact	Score	Model response
Data-center de risk	2/3	3/3	6/9	Cut growth / margin
Accelerated co risk	3/3	3/3	9/9	Cut growth / margin
Margin sensiti risk	2/3	3/3	6/9	Cut growth / margin
Cash conversion gap	2/3	3/3	6/9	Cut growth / margin
Capital intensity rise	3/3	2/3	6/9	Cut growth / margin

3 x 3 risk grid



SOURCE / Northstar risk framework. Scores are analytical classifications, not statistical forecasts; update them when cited evidence changes.

A FOUR-WINDOW RESEARCH UPDATE PLAN

Catalyst and evidence calendar

01 / 0-3 MONTHS

Data-center demand

Next filing or operating update

02 / 3-6 MONTHS

Accelerated computing

Trend confirmation across two periods

03 / 6-9 MONTHS

Margin sensitivity

Budget, capacity or product-cycle evidence

04 / 9-12 MONTHS

Balance sheet

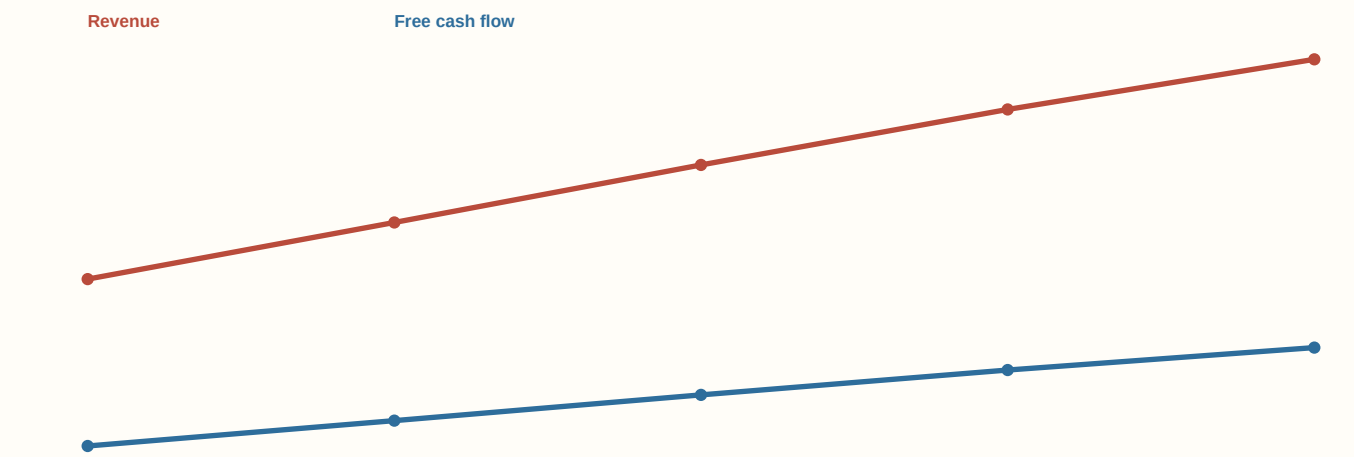
Annual reconciliation and thesis reset

Reset trigger	Current	Action threshold
Revenue growth	65.5%	Re-estimate if +/-300 bps
FCF margin	44.8%	Re-estimate if +/-200 bps
Net debt	-\$51.5B	Rebuild bridge after material transaction
Market-implied growth	50.1%	Re-run at each price refresh

GROWTH, CASH CONVERSION AND PRESENT VALUE

Five-year forecast detail

Period	Revenue	Growth	FCF mgn	FCF	PV of FCF	EV / sales
Year 1	\$262.3B	21.5%	44.8%	\$117.4B	\$107.2B	9.5x
Year 2	\$311.4B	18.7%	44.8%	\$139.4B	\$116.3B	8.0x
Year 3	\$361.3B	16.0%	44.8%	\$161.8B	\$123.2B	6.9x
Year 4	\$409.5B	13.3%	44.8%	\$183.3B	\$127.5B	6.1x
Year 5	\$453.0B	10.6%	44.8%	\$202.8B	\$128.8B	5.5x



SOURCE / Northstar base-case estimates. Present values use the disclosed sector WACC; EV/sales uses base DCF enterprise value divided by each forecast year's revenue.

The model fades starting growth of 21.5% toward the terminal regime rather than holding the latest result indefinitely. Free cash flow remains linked to revenue through the disclosed margin, so valuation changes can be traced to operating assumptions.

TERMINAL DEPENDENCE AND CROSS-CHECK MULTIPLES

Valuation quality checks

TERMINAL VALUE SHARE

75.8%

PV terminal / EV

TERMINAL FCF MULTIPLE

14.6x

$(1+g)/(WACC-g)$

MARKET EV / SALES

24.4x

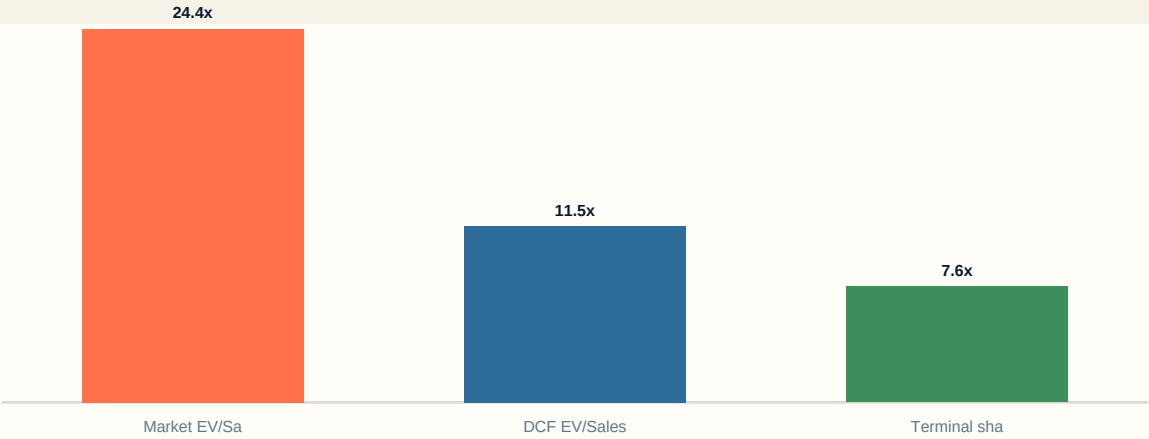
dated snapshot

DCF EV / SALES

11.5x

base enterprise value

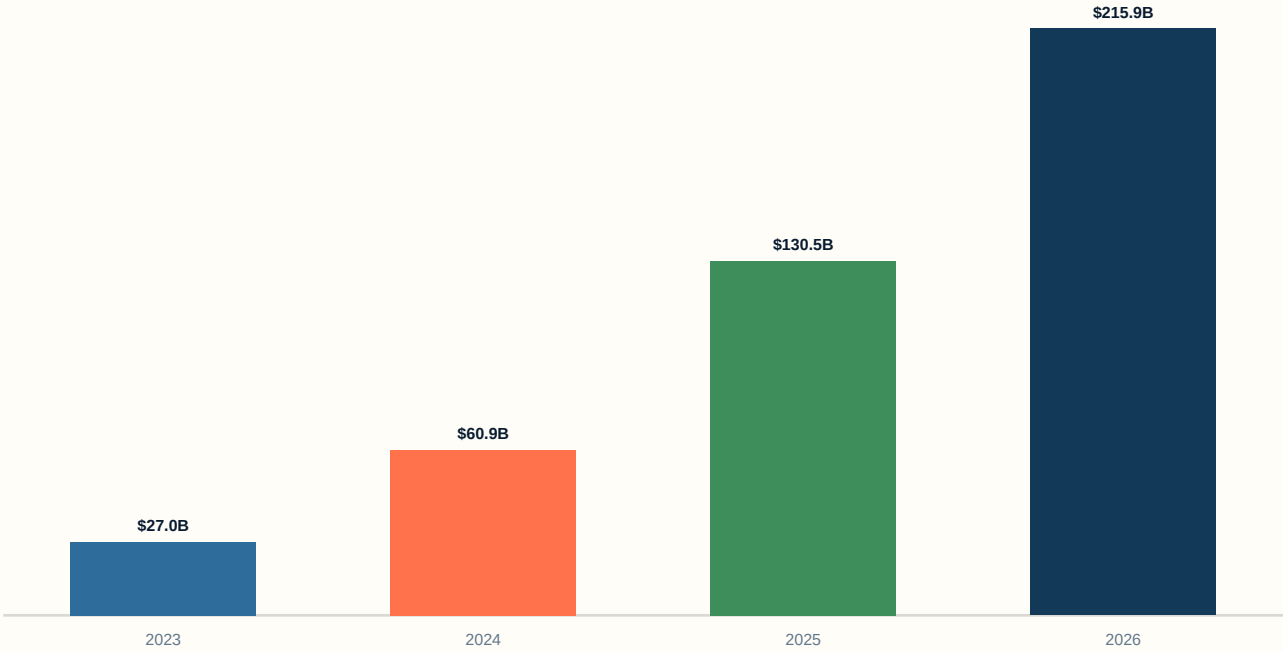
Quality check	Reading	Interpretation	Status
Terminal share	75.8%	Below 75% is generally less terminal-dependent	Review if high
WACC - terminal g	7.0%	Positive spread required	Pass
DCF / observed price	0.5x	Model-to-market cross-check	Review assumptions
Market FCF yield	1.8%	Current cash earnings yield	Compare with risk
Net debt / FCF	n/m	Balance-sheet burden	Reconcile



SOURCE / Northstar calculations using the base DCF, dated market snapshot and disclosed WACC/terminal assumptions.

REPORTED SCALE AND GROWTH CADENCE

Revenue growth record



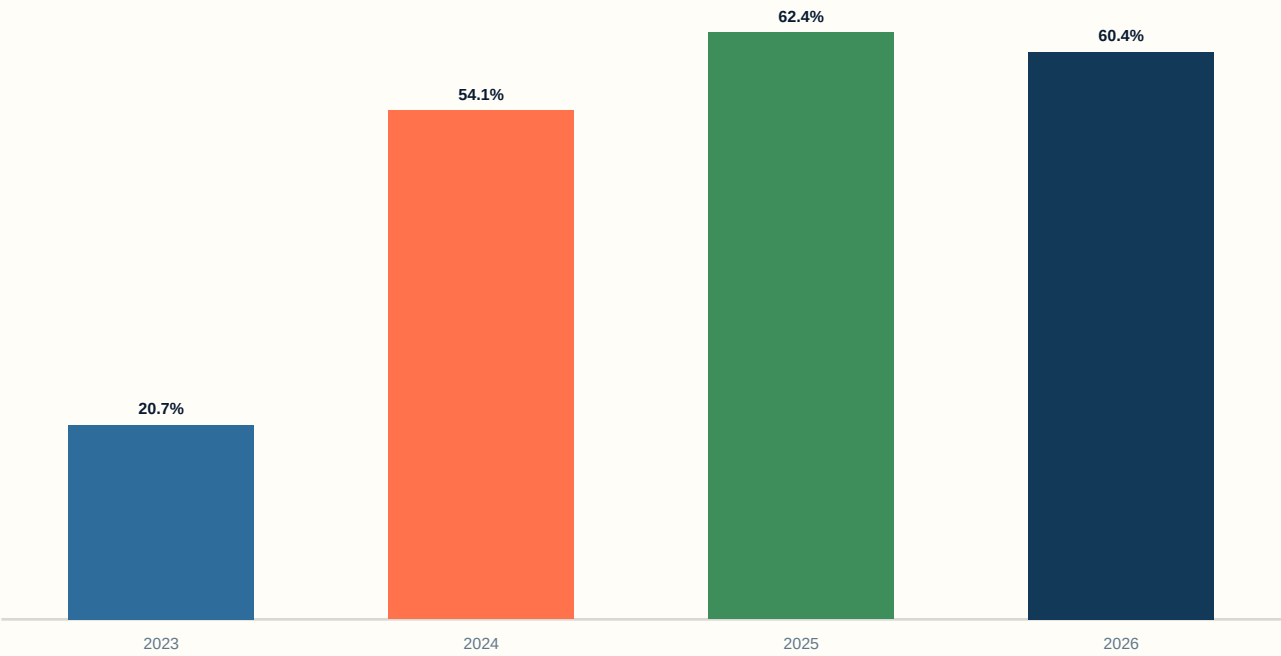
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
2023	\$27.0B
2024	\$60.9B
2025	\$130.5B
2026	\$215.9B

NVDA Revenue growth record: 2023 is \$27.0B; 2026 is \$215.9B. The revenue growth record exhibit uses the stated calculation basis above.

REPORTED OPERATING LEVERAGE ACROSS PERIODS

Operating-margin record



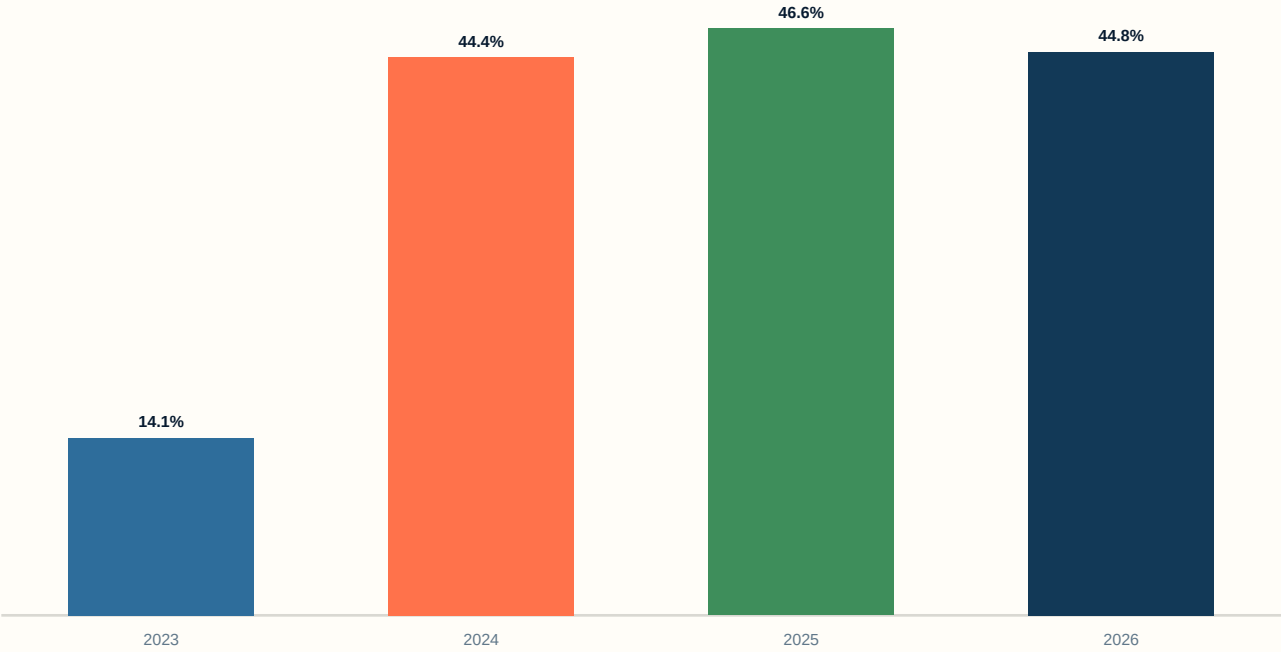
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
2023	20.7%
2024	54.1%
2025	62.4%
2026	60.4%

NVDA Operating-margin record: 2023 is 20.7%; 2026 is 60.4%. The operating-margin record exhibit uses the stated calculation basis above.

CASH CONVERSION ACROSS PERIODS

Free-cash-flow margin record



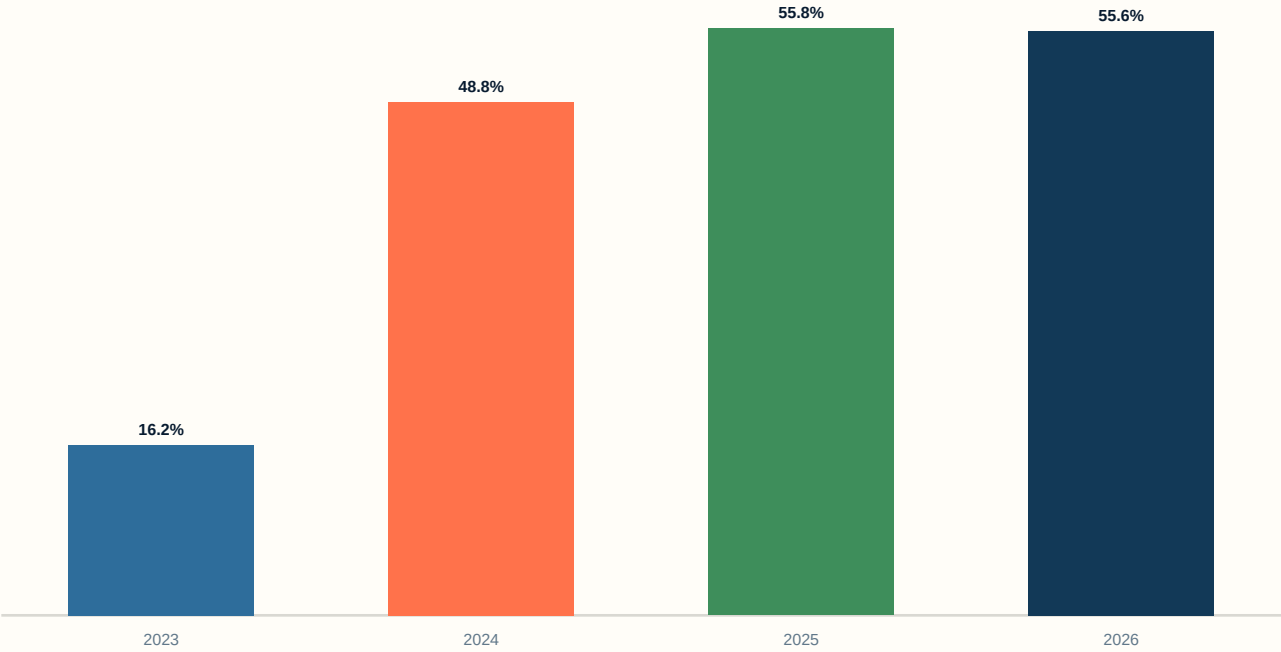
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
2023	14.1%
2024	44.4%
2025	46.6%
2026	44.8%

NVDA Free-cash-flow margin record: 2023 is 14.1%; 2026 is 44.8%. The free-cash-flow margin record exhibit uses the stated calculation basis above.

BELOW-THE-LINE EARNINGS CONVERSION

Net-margin record



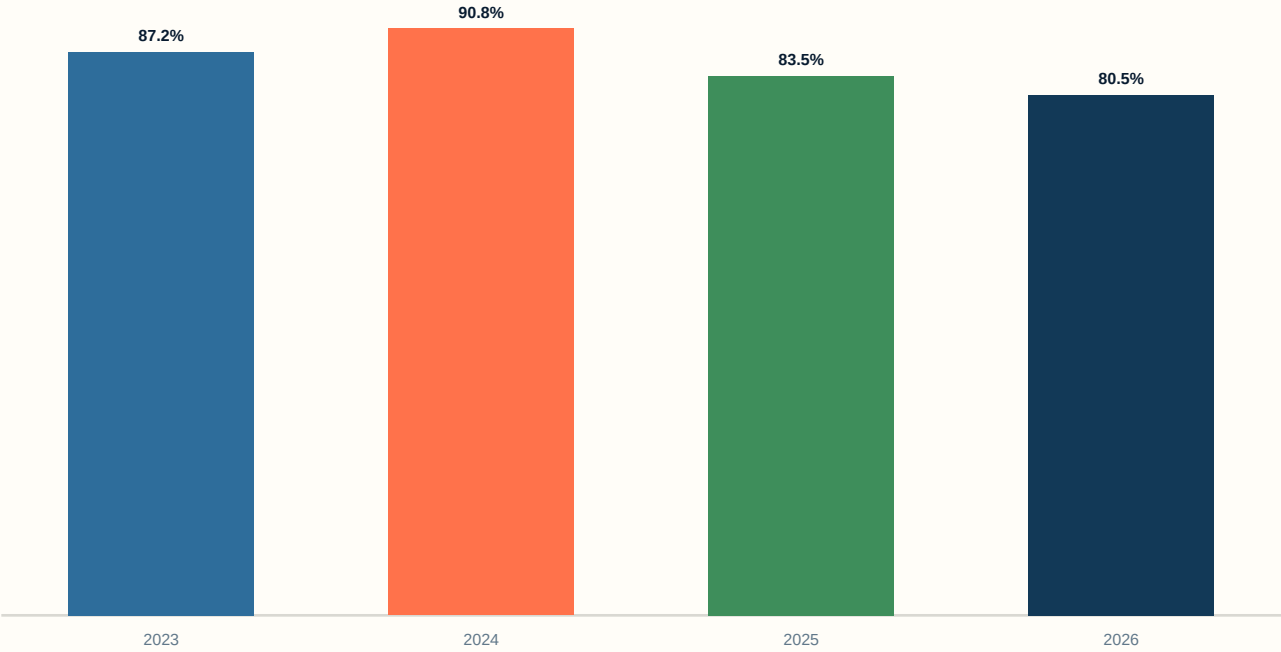
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
2023	16.2%
2024	48.8%
2025	55.8%
2026	55.6%

NVDA Net-margin record: 2023 is 16.2%; 2026 is 55.6%. The net-margin record exhibit uses the stated calculation basis above.

FREE CASH FLOW RELATIVE TO NET INCOME

Cash earnings conversion



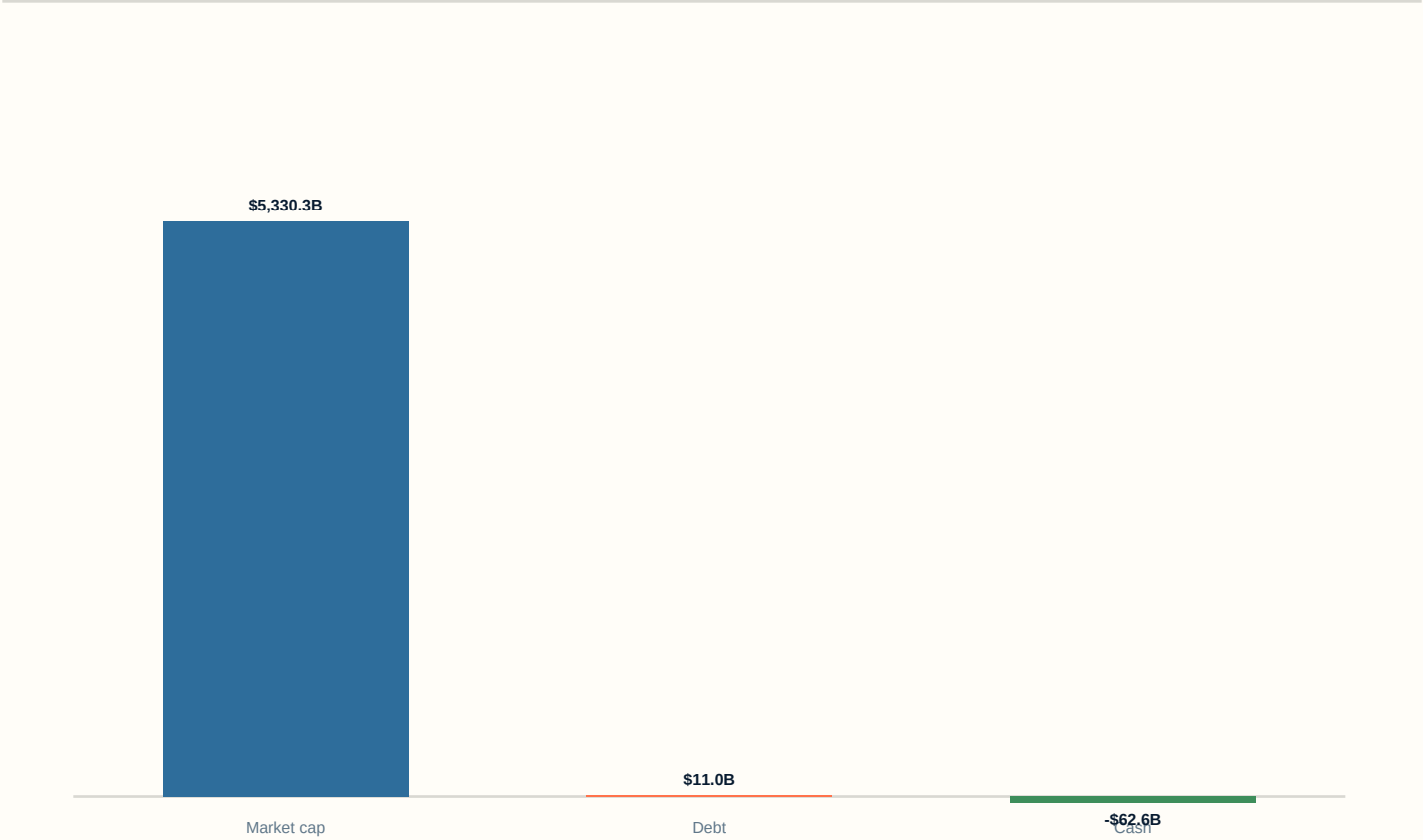
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
2023	87.2%
2024	90.8%
2025	83.5%
2026	80.5%

NVDA Cash earnings conversion: 2023 is 87.2%; 2026 is 80.5%. The cash earnings conversion exhibit uses the stated calculation basis above.

EQUITY VALUE, DEBT AND CASH

Enterprise-value composition



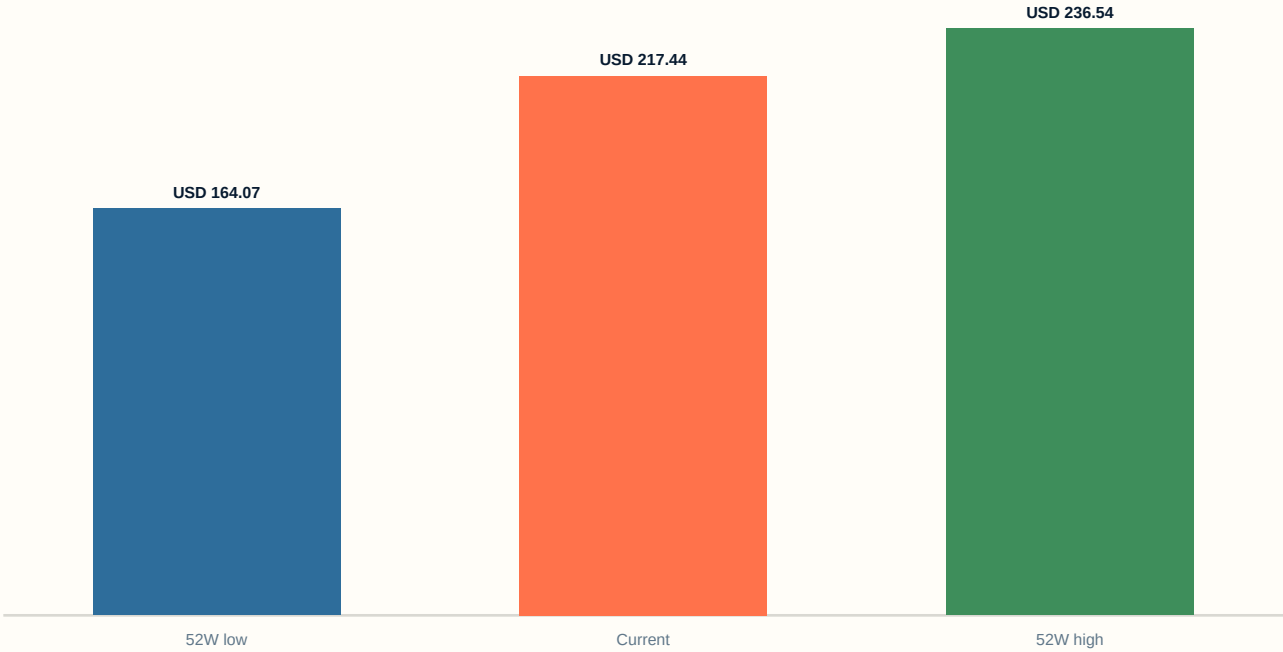
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Market cap	\$5,330.3B
Debt	\$11.0B
Cash	-\$62.6B

NVDA Enterprise-value composition: Market cap is \$5,330.3B; Cash is -\$62.6B. The enterprise-value composition exhibit uses the stated calculation basis above.

CURRENT PRICE WITHIN THE TRAILING RANGE

Price range positioning



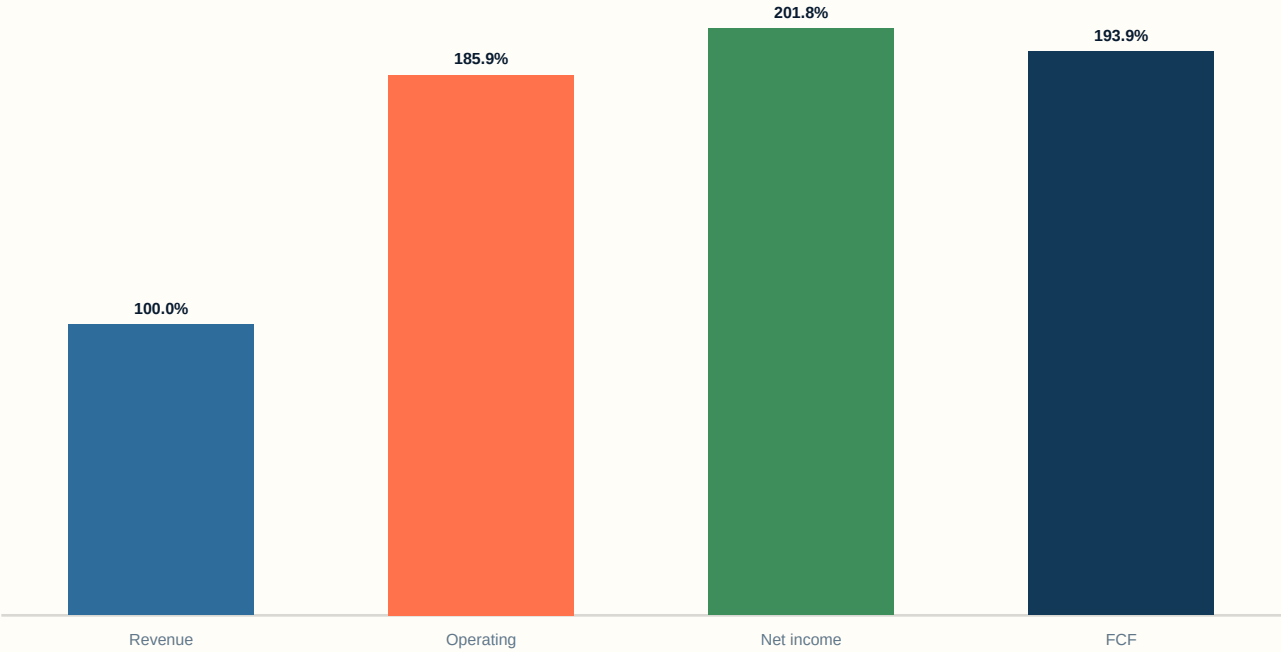
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
52W low	USD 164.07
Current	USD 217.44
52W high	USD 236.54

NVDA Price range positioning: 52W low is USD 164.07; 52W high is USD 236.54. The price range positioning exhibit uses the stated calculation basis above.

COMPOUND GROWTH ACROSS REPORTED MEASURES

Historical CAGR dashboard



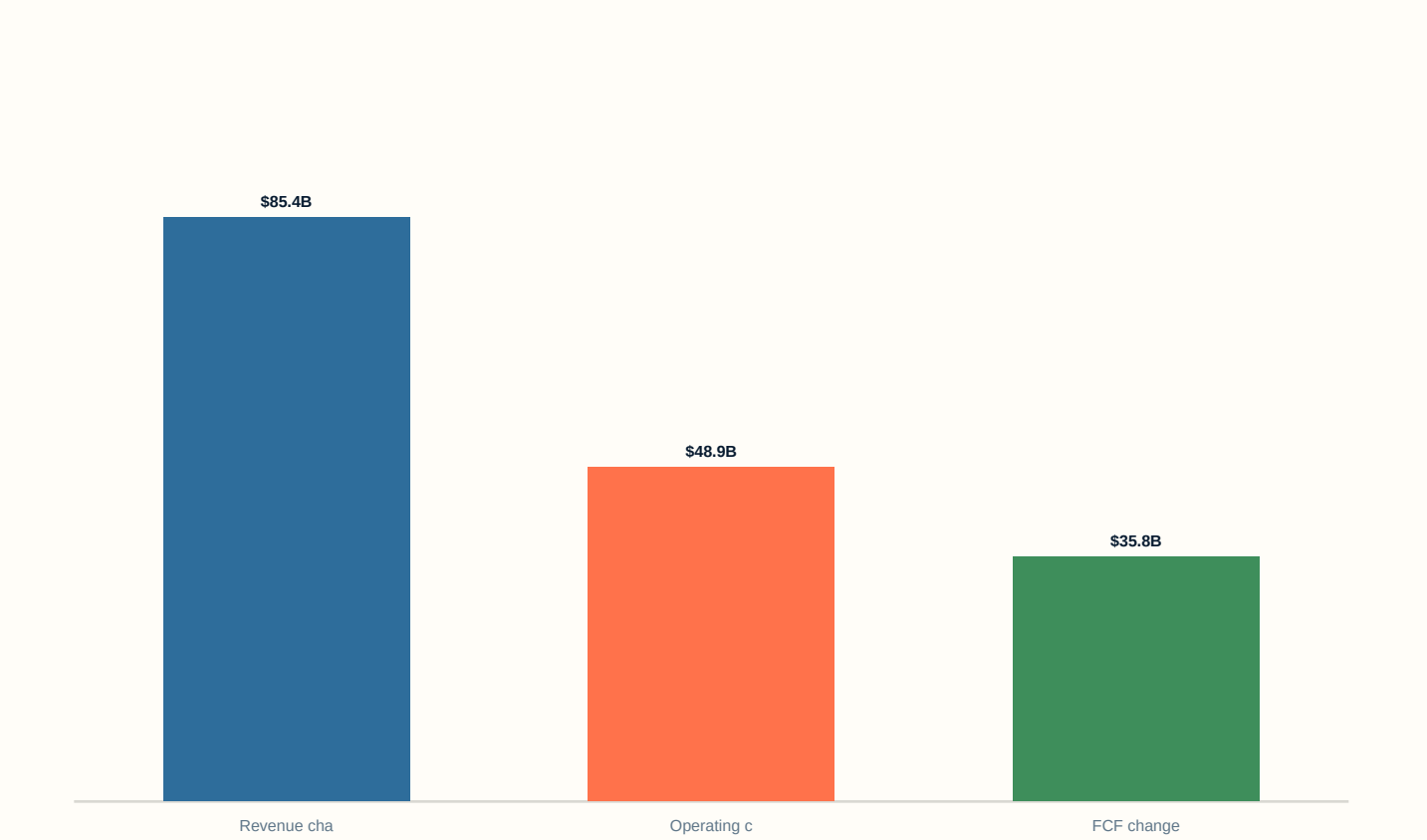
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Revenue	100.0%
Operating	185.9%
Net income	201.8%
FCF	193.9%

NVDA Historical CAGR dashboard: Revenue is 100.0%; FCF is 193.9%. The historical cagr dashboard exhibit uses the stated calculation basis above.

CHANGE IN PROFIT FOR EACH REVENUE INCREMENT

Incremental profit conversion



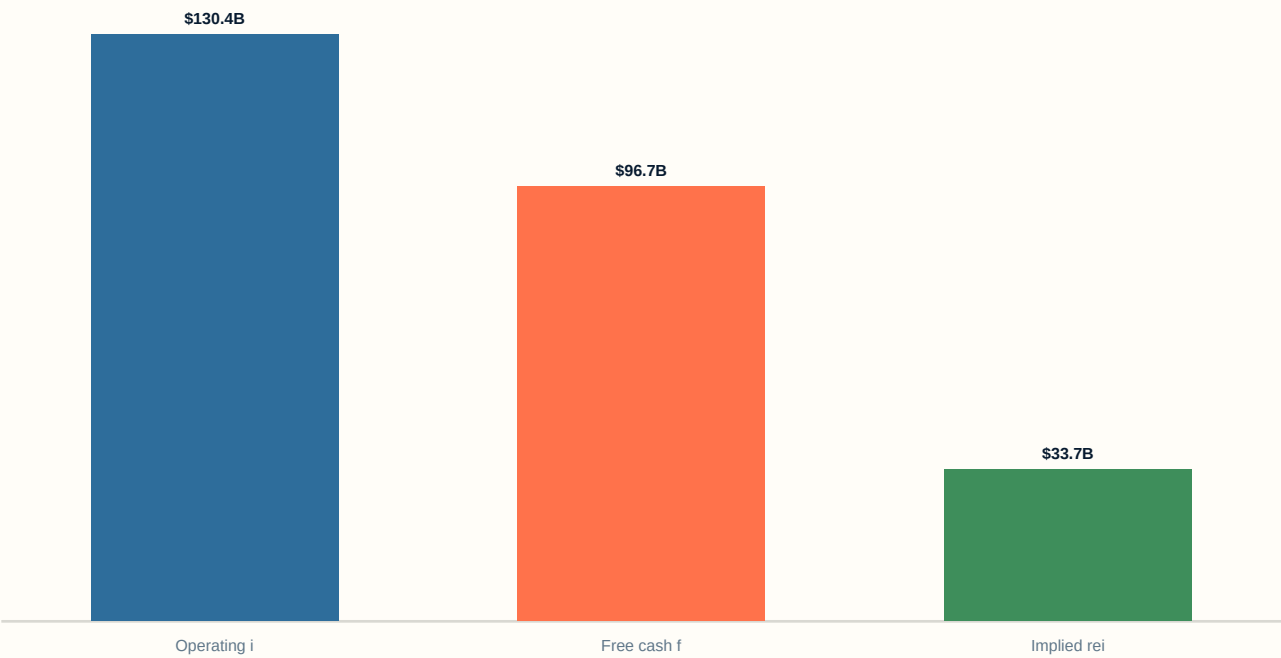
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Revenue change	\$85.4B
Operating change	\$48.9B
FCF change	\$35.8B

NVDA Incremental profit conversion: Revenue change is \$85.4B; FCF change is \$35.8B. The incremental profit conversion exhibit uses the stated calculation basis above.

OPERATING PROFIT RETAINED OUTSIDE FREE CASH FLOW

Reinvestment intensity



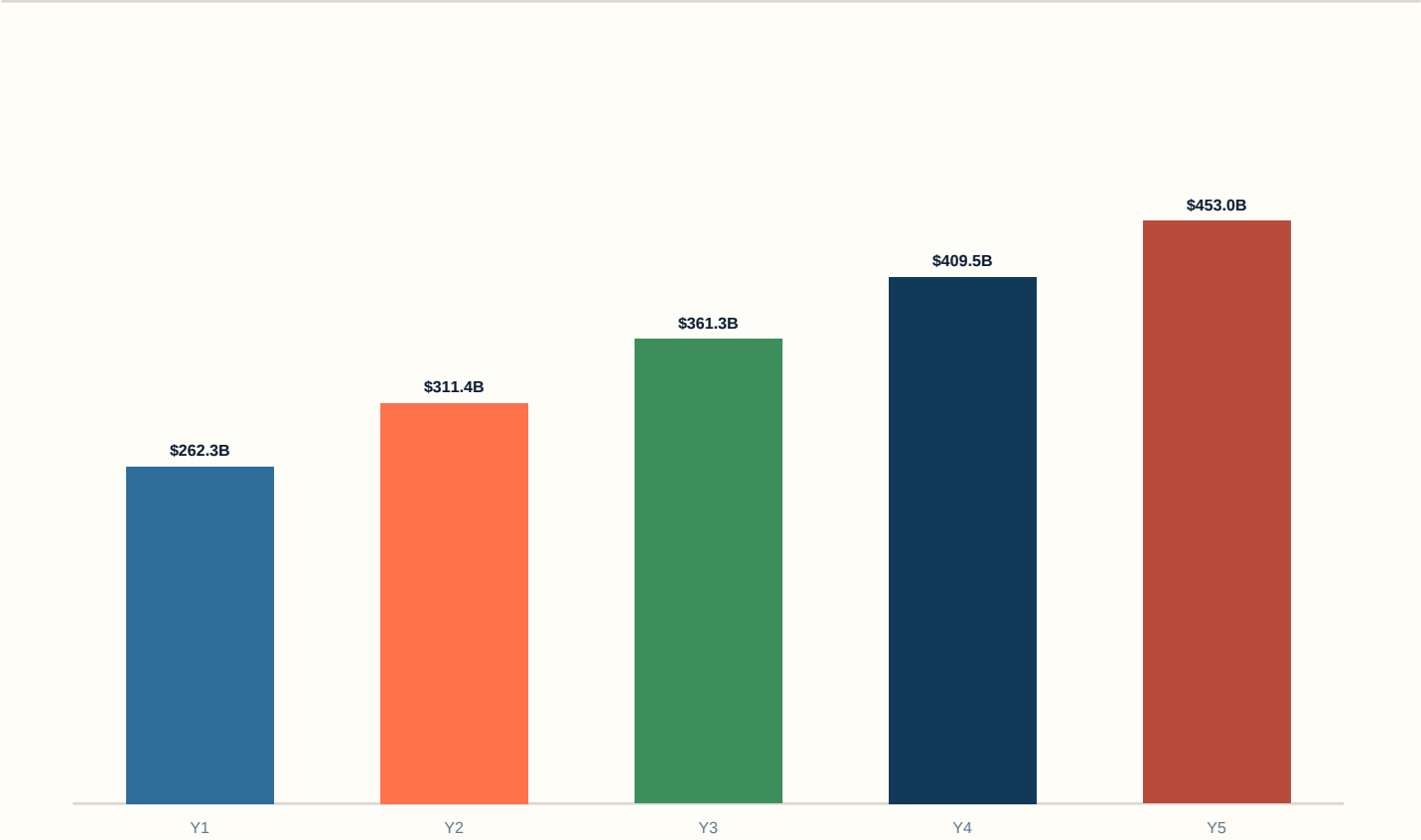
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Operating income	\$130.4B
Free cash flow	\$96.7B
Implied reinvestment	\$33.7B

NVDA Reinvestment intensity: Operating income is \$130.4B; Implied reinvestment is \$33.7B. The reinvestment intensity exhibit uses the stated calculation basis above.

FIVE-YEAR NORTHSTAR REVENUE FORECAST

Base revenue path



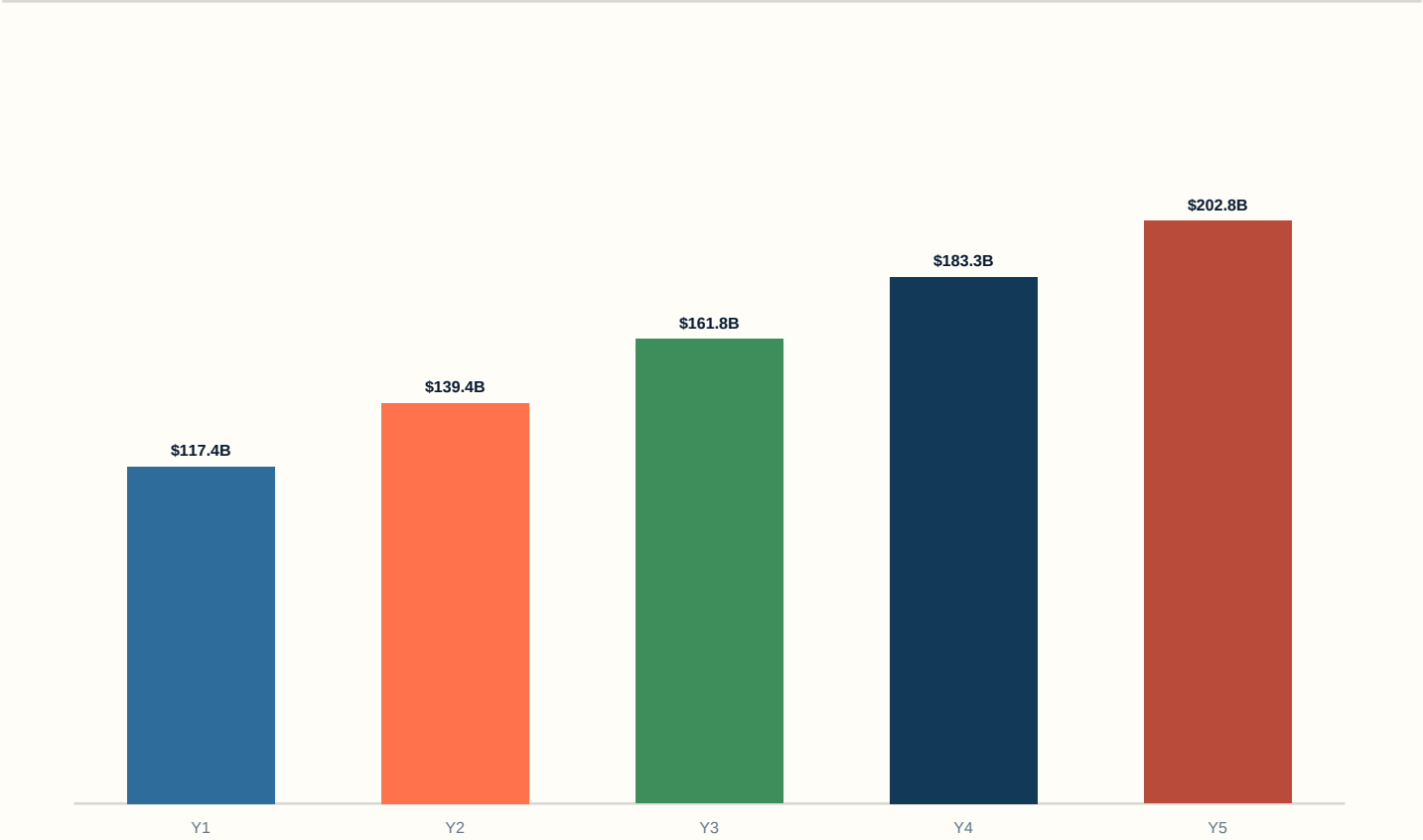
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Y1	\$262.3B
Y2	\$311.4B
Y3	\$361.3B
Y4	\$409.5B
Y5	\$453.0B

NVDA Base revenue path: Y1 is \$262.3B; Y5 is \$453.0B. The base revenue path exhibit uses the stated calculation basis above.

FIVE-YEAR NORTHSTAR FREE-CASH-FLOW FORECAST

Base cash-flow path



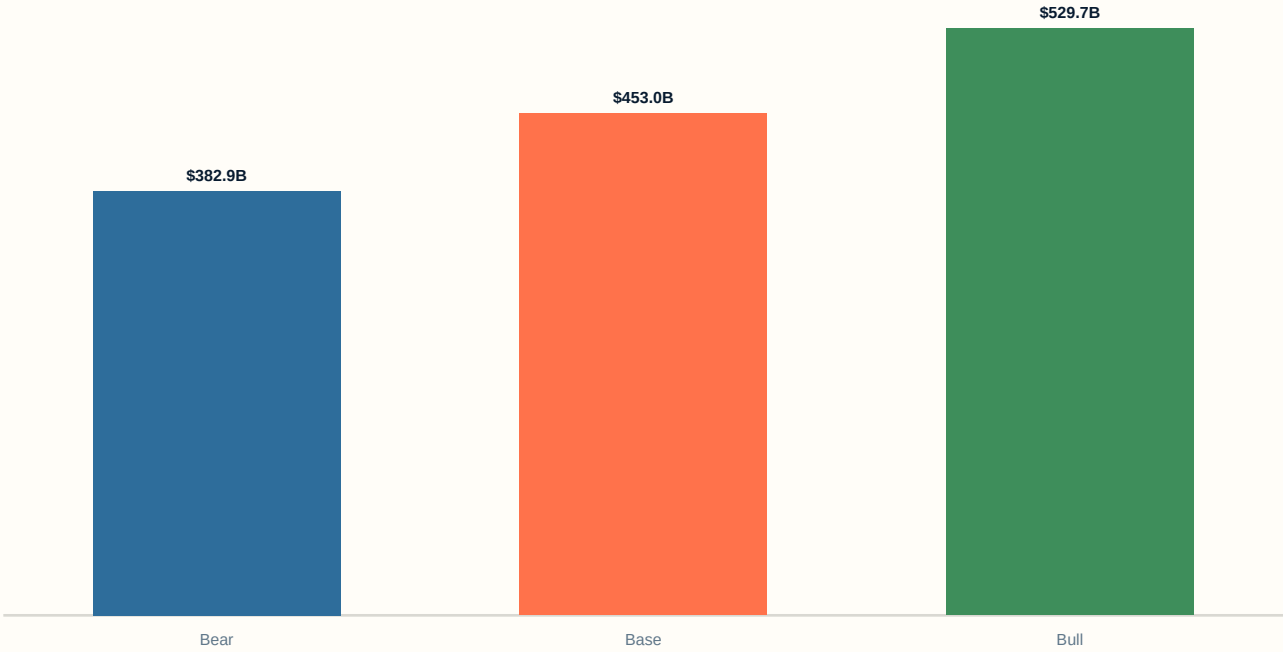
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Y1	\$117.4B
Y2	\$139.4B
Y3	\$161.8B
Y4	\$183.3B
Y5	\$202.8B

NVDA Base cash-flow path: Y1 is \$117.4B; Y5 is \$202.8B. The base cash-flow path exhibit uses the stated calculation basis above.

BEAR, BASE AND BULL YEAR-FIVE REVENUE

Scenario revenue endpoints



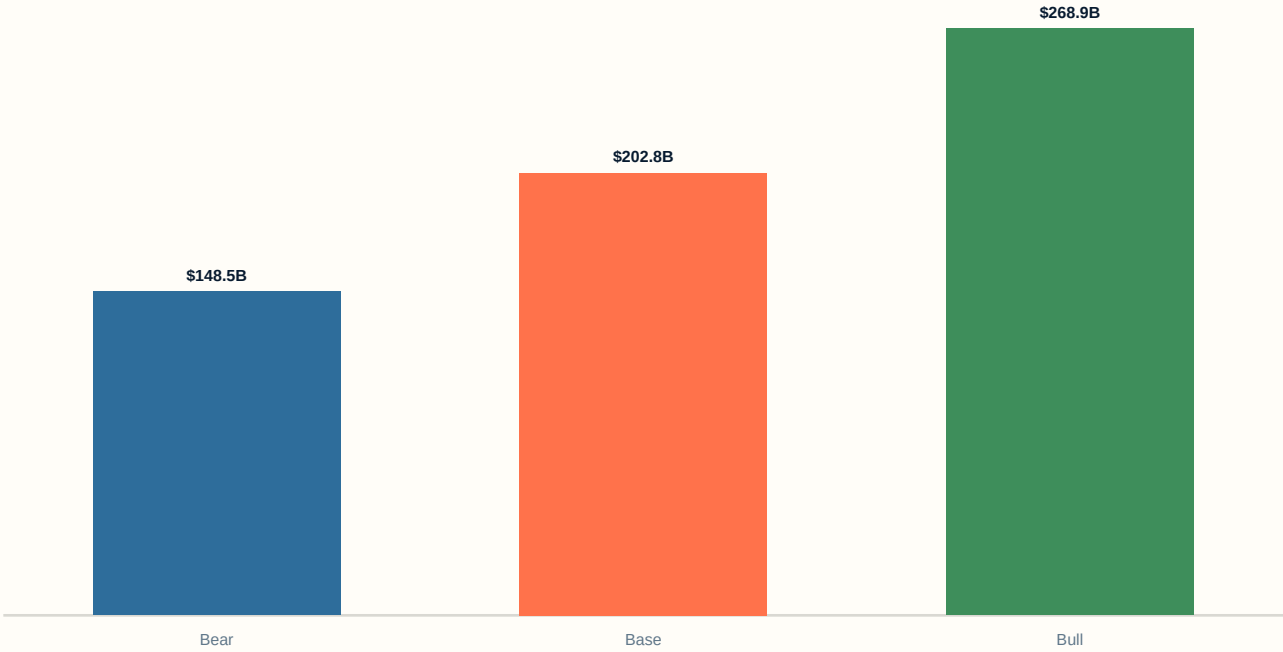
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Bear	\$382.9B
Base	\$453.0B
Bull	\$529.7B

NVDA Scenario revenue endpoints: Bear is \$382.9B; Bull is \$529.7B. The scenario revenue endpoints exhibit uses the stated calculation basis above.

BEAR, BASE AND BULL YEAR-FIVE CASH FLOW

Scenario cash-flow endpoints



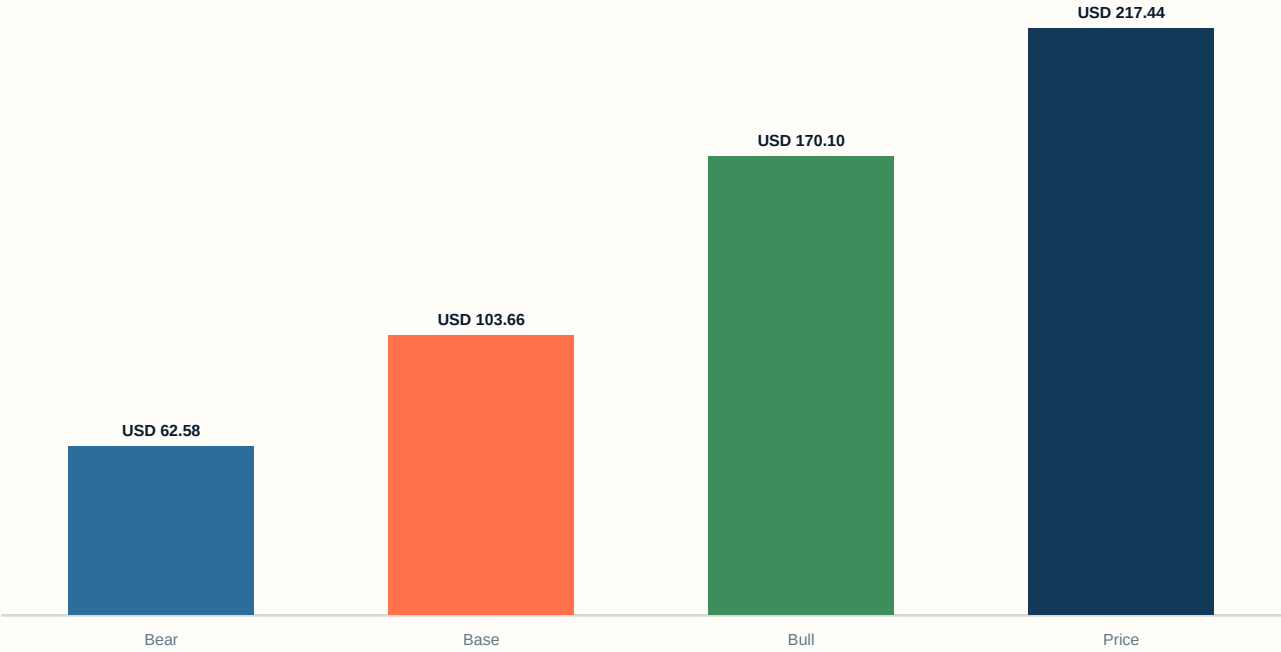
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Bear	\$148.5B
Base	\$202.8B
Bull	\$268.9B

NVDA Scenario cash-flow endpoints: Bear is \$148.5B; Bull is \$268.9B. The scenario cash-flow endpoints exhibit uses the stated calculation basis above.

BEAR, BASE AND BULL PER-SHARE VALUATION

Scenario equity values



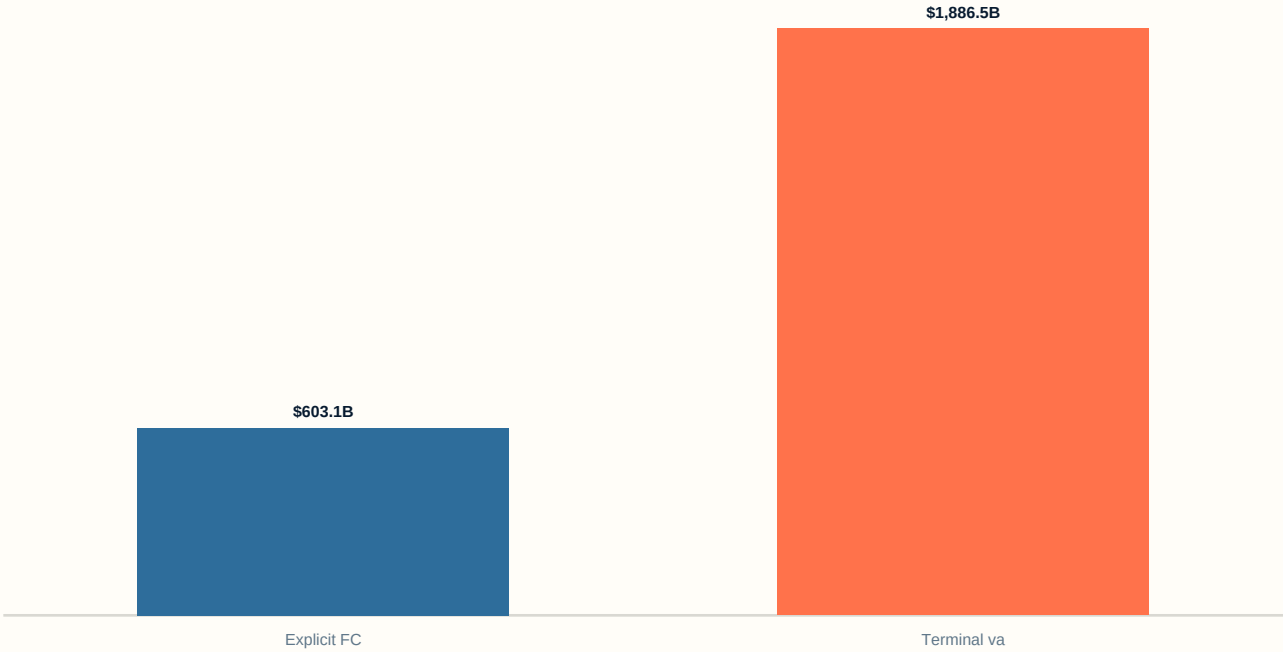
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Bear	USD 62.58
Base	USD 103.66
Bull	USD 170.10
Price	USD 217.44

NVDA Scenario equity values: Bear is USD 62.58; Price is USD 217.44. The scenario equity values exhibit uses the stated calculation basis above.

EXPLICIT FORECAST VALUE VERSUS TERMINAL VALUE

DCF value composition



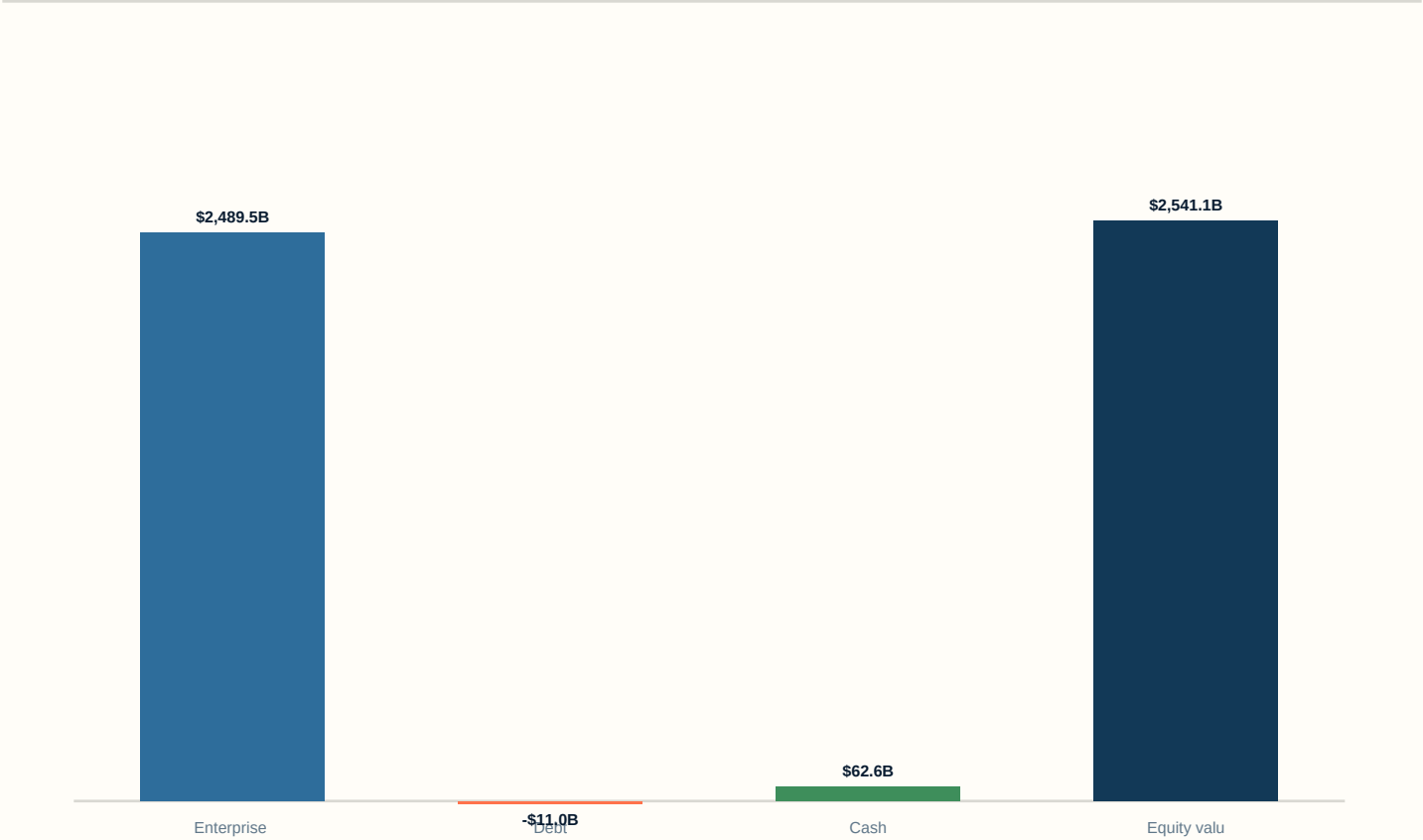
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Explicit FCF	\$603.1B
Terminal value	\$1,886.5B

NVDA DCF value composition: Explicit FCF is \$603.1B; Terminal value is \$1,886.5B. The dcf value composition exhibit uses the stated calculation basis above.

ENTERPRISE VALUE TO DILUTED EQUITY VALUE

Equity-value bridge



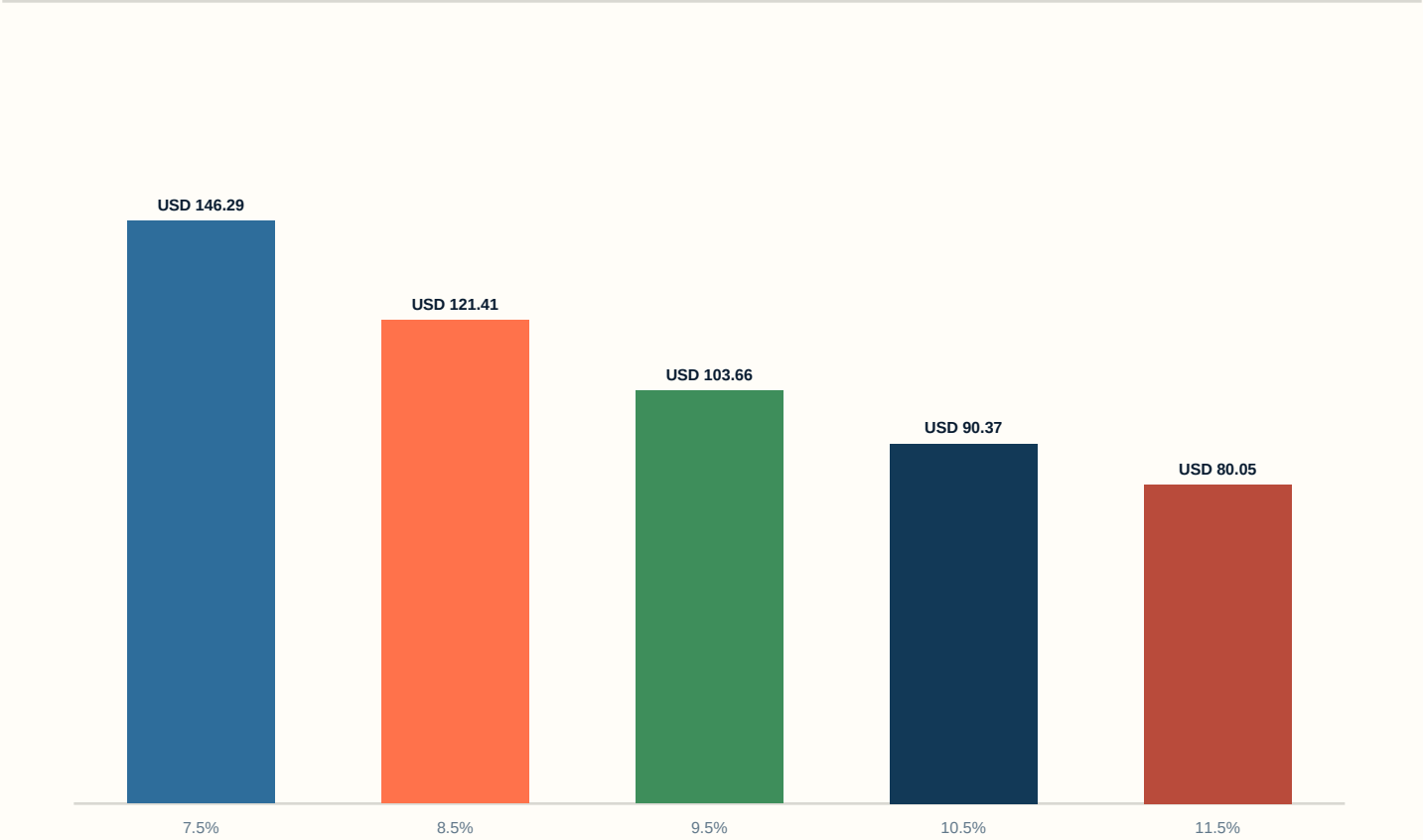
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Enterprise value	\$2,489.5B
Debt	-\$11.0B
Cash	\$62.6B
Equity value	\$2,541.1B

NVDA Equity-value bridge: Enterprise value is \$2,489.5B; Equity value is \$2,541.1B. The equity-value bridge exhibit uses the stated calculation basis above.

PER-SHARE VALUE ACROSS WACC ASSUMPTIONS

Discount-rate curve



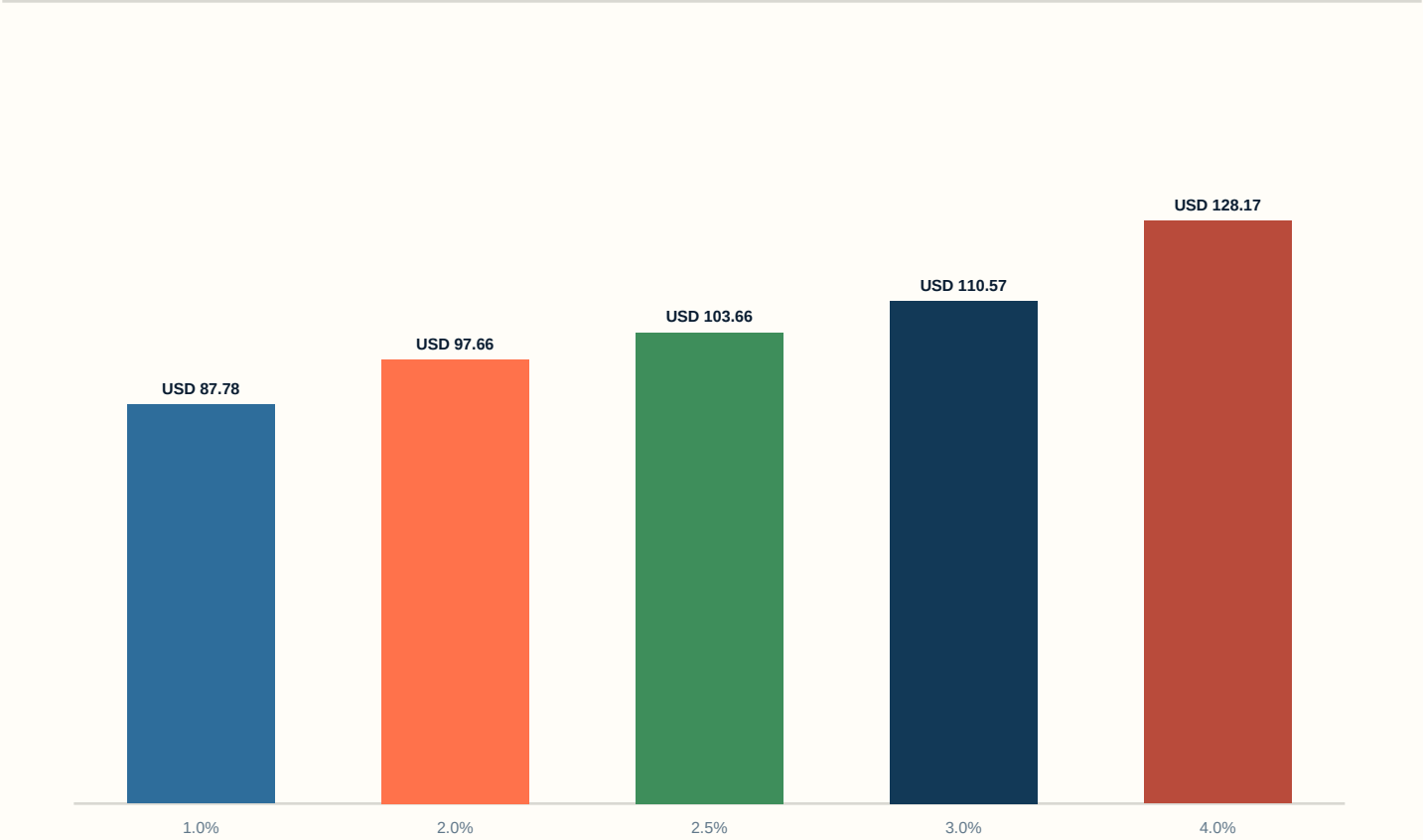
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
7.5%	USD 146.29
8.5%	USD 121.41
9.5%	USD 103.66
10.5%	USD 90.37
11.5%	USD 80.05

NVDA Discount-rate curve: 7.5% is USD 146.29; 11.5% is USD 80.05. The discount-rate curve exhibit uses the stated calculation basis above.

PER-SHARE VALUE ACROSS TERMINAL GROWTH ASSUMPTIONS

Terminal-growth curve



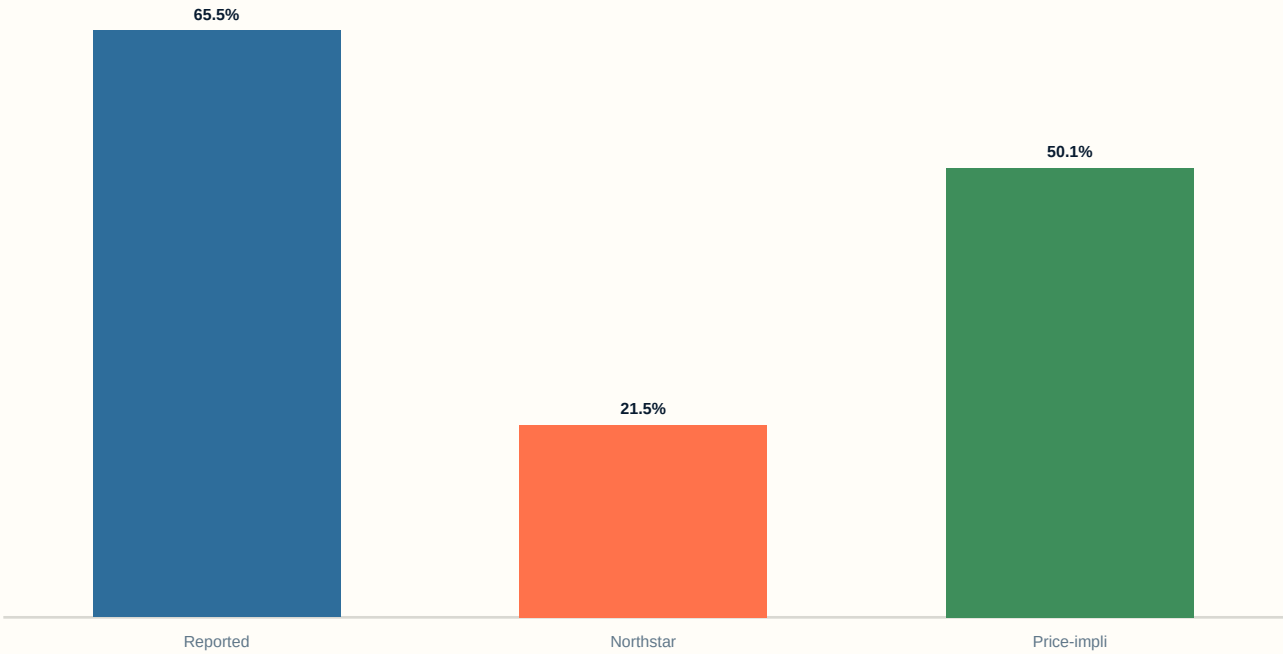
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
1.0%	USD 87.78
2.0%	USD 97.66
2.5%	USD 103.66
3.0%	USD 110.57
4.0%	USD 128.17

NVDA Terminal-growth curve: 1.0% is USD 87.78; 4.0% is USD 128.17. The terminal-growth curve exhibit uses the stated calculation basis above.

REPORTED GROWTH, NORTHSTAR BASE AND REVERSE-DCF REQUIREMENT

Expectations gap



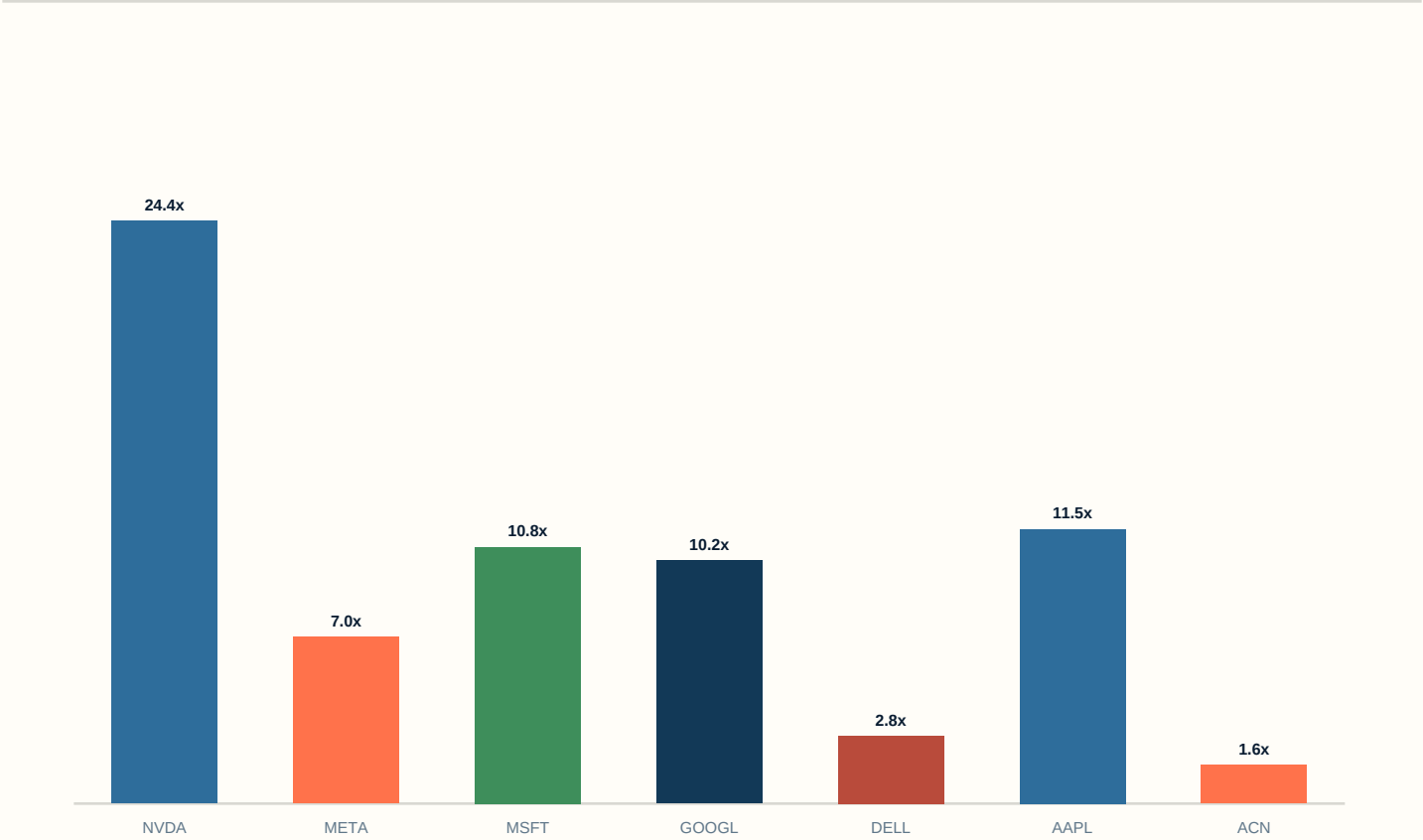
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Reported	65.5%
Northstar	21.5%
Price-implied	50.1%

NVDA Expectations gap: Reported is 65.5%; Price-implied is 50.1%. The expectations gap exhibit uses the stated calculation basis above.

RELATIVE ENTERPRISE-VALUE MULTIPLE

Peer EV / sales ranking



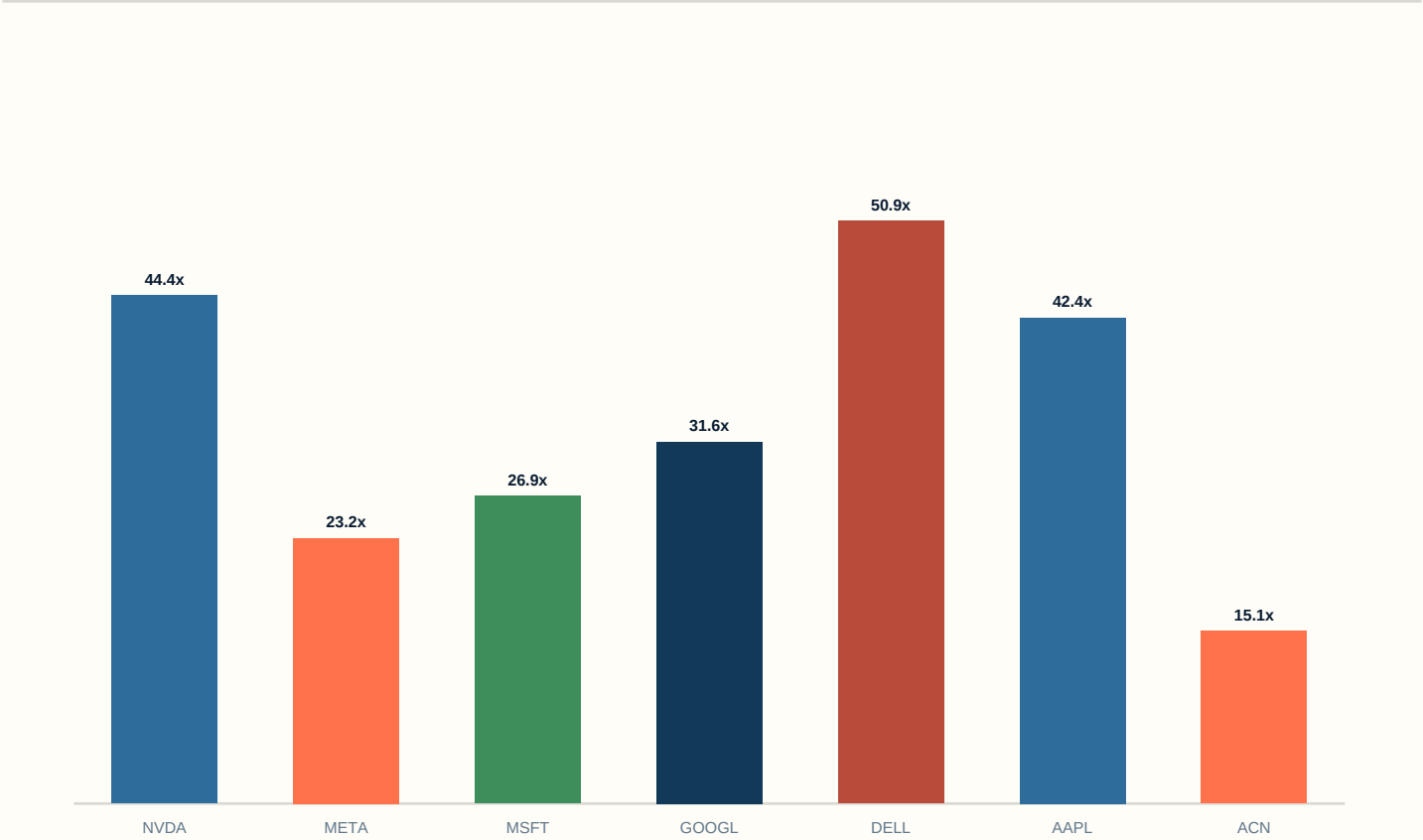
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
NVDA	24.4x
META	7.0x
MSFT	10.8x
GOOGL	10.2x
DELL	2.8x

NVDA Peer EV / sales ranking: NVDA is 24.4x; ACN is 1.6x. The peer ev / sales ranking exhibit uses the stated calculation basis above.

RELATIVE EQUITY-VALUE MULTIPLE

Peer P / E ranking



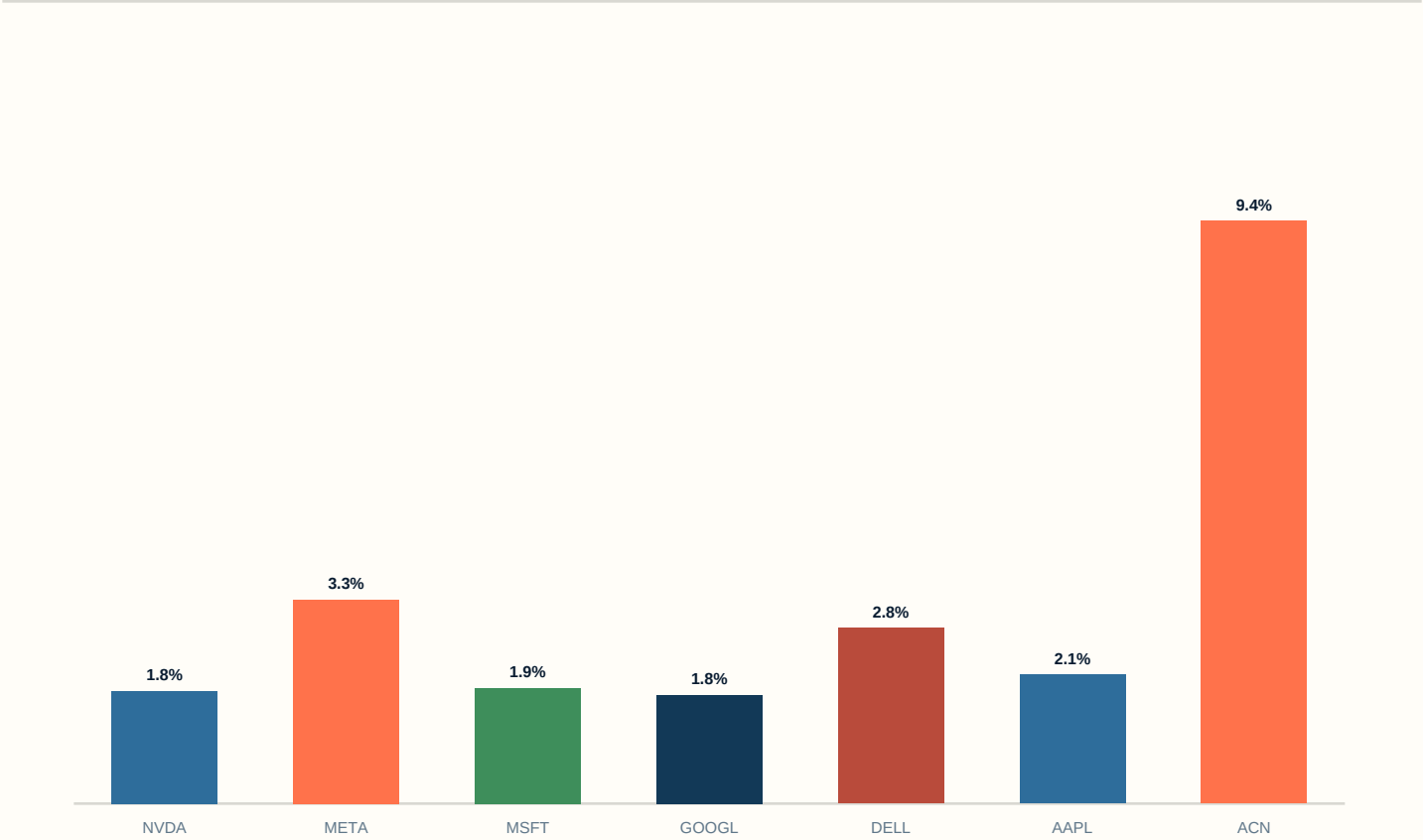
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
NVDA	44.4x
META	23.2x
MSFT	26.9x
GOOGL	31.6x
DELL	50.9x

NVDA Peer P / E ranking: NVDA is 44.4x; ACN is 15.1x. The peer p / e ranking exhibit uses the stated calculation basis above.

CASH EARNINGS YIELD ACROSS PEERS

Peer free-cash-flow yield



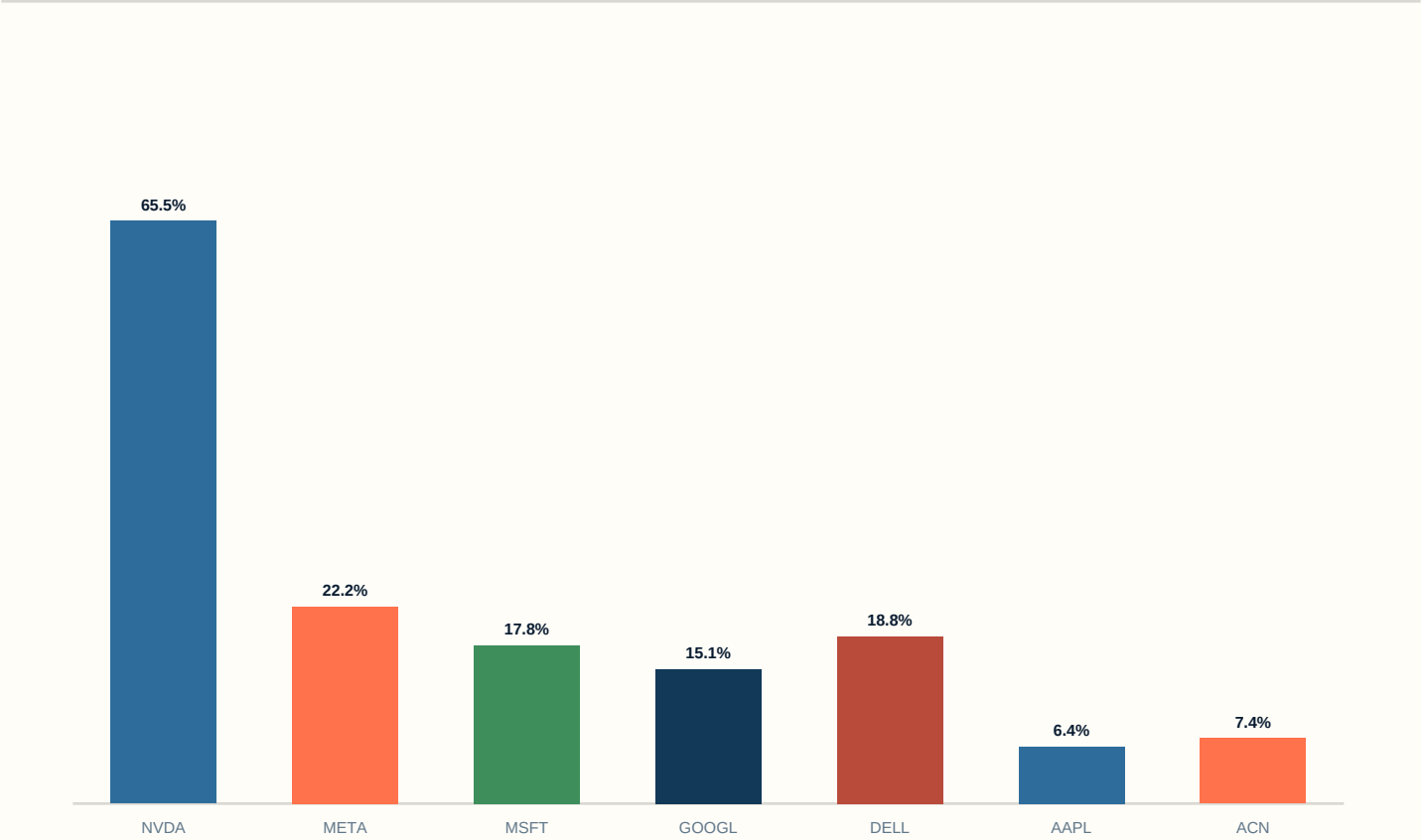
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
NVDA	1.8%
META	3.3%
MSFT	1.9%
GOOGL	1.8%
DELL	2.8%

NVDA Peer free-cash-flow yield: NVDA is 1.8%; ACN is 9.4%. The peer free-cash-flow yield exhibit uses the stated calculation basis above.

LATEST ANNUAL REVENUE GROWTH ACROSS PEERS

Peer growth ranking



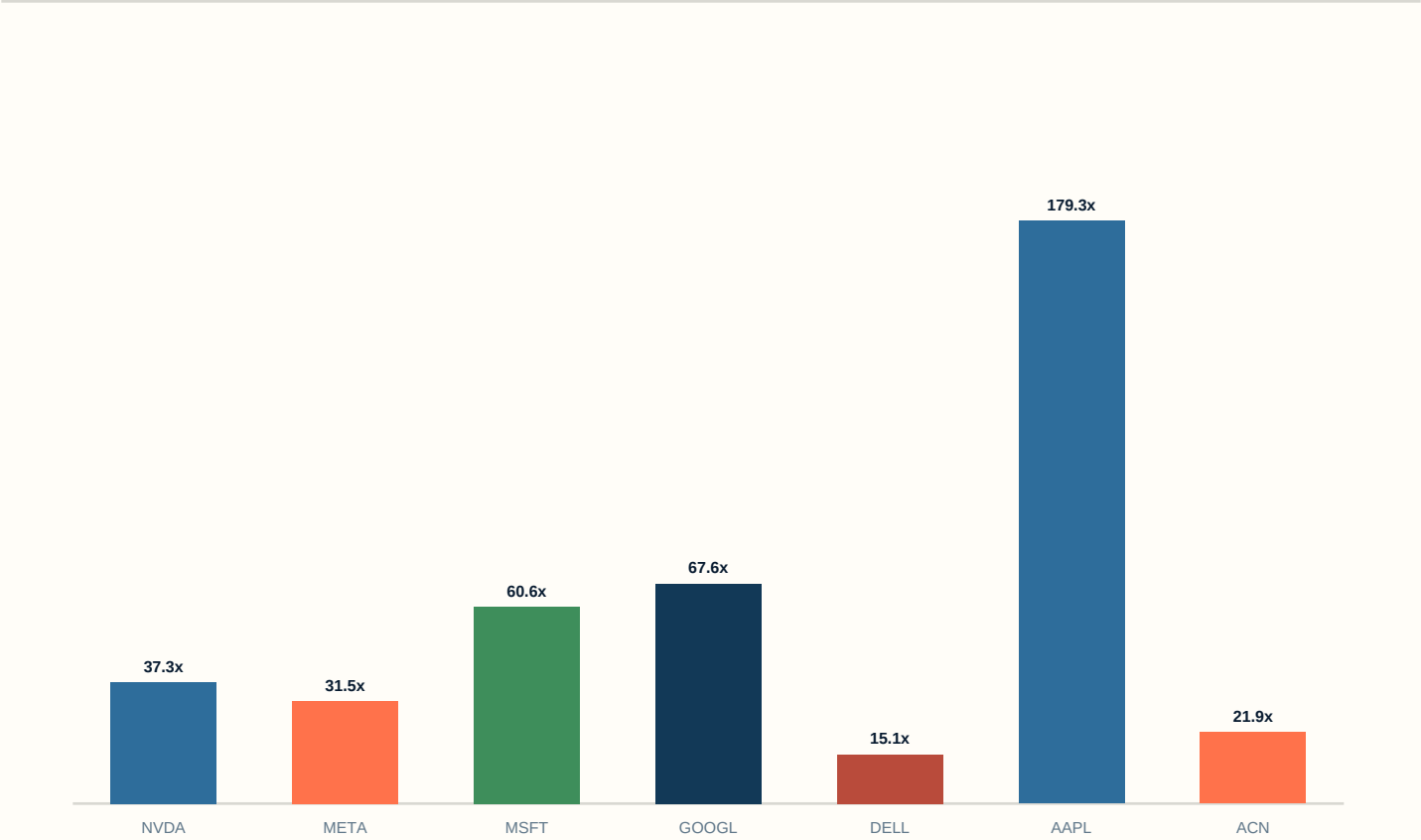
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
NVDA	65.5%
META	22.2%
MSFT	17.8%
GOOGL	15.1%
DELL	18.8%

NVDA Peer growth ranking: NVDA is 65.5%; ACN is 7.4%. The peer growth ranking exhibit uses the stated calculation basis above.

EV / SALES DIVIDED BY LATEST GROWTH

Growth-adjusted valuation



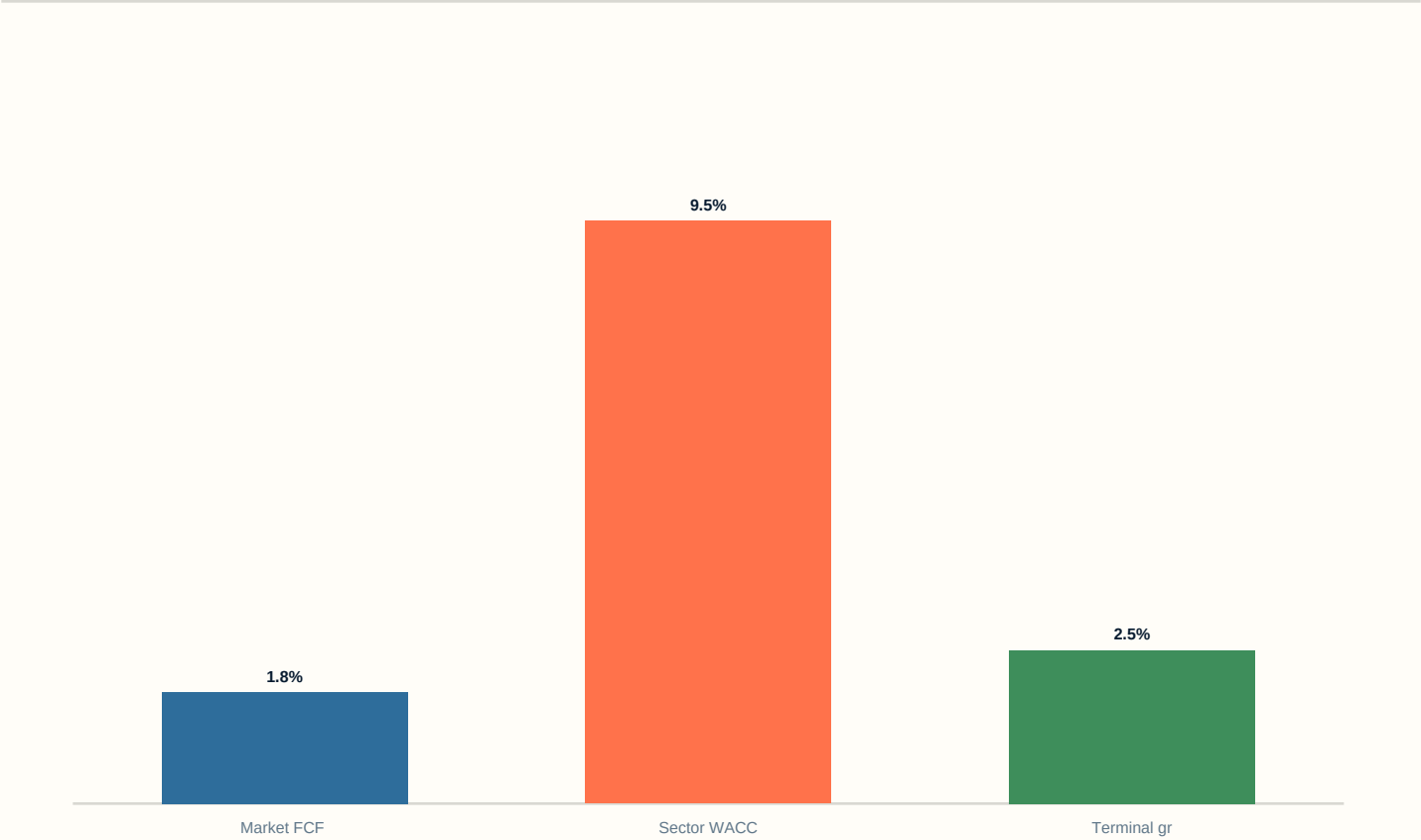
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
NVDA	37.3x
META	31.5x
MSFT	60.6x
GOOGL	67.6x
DELL	15.1x

NVDA Growth-adjusted valuation: NVDA is 37.3x; ACN is 21.9x. The growth-adjusted valuation exhibit uses the stated calculation basis above.

MARKET CASH YIELD RELATIVE TO WACC

Cash yield versus hurdle rate



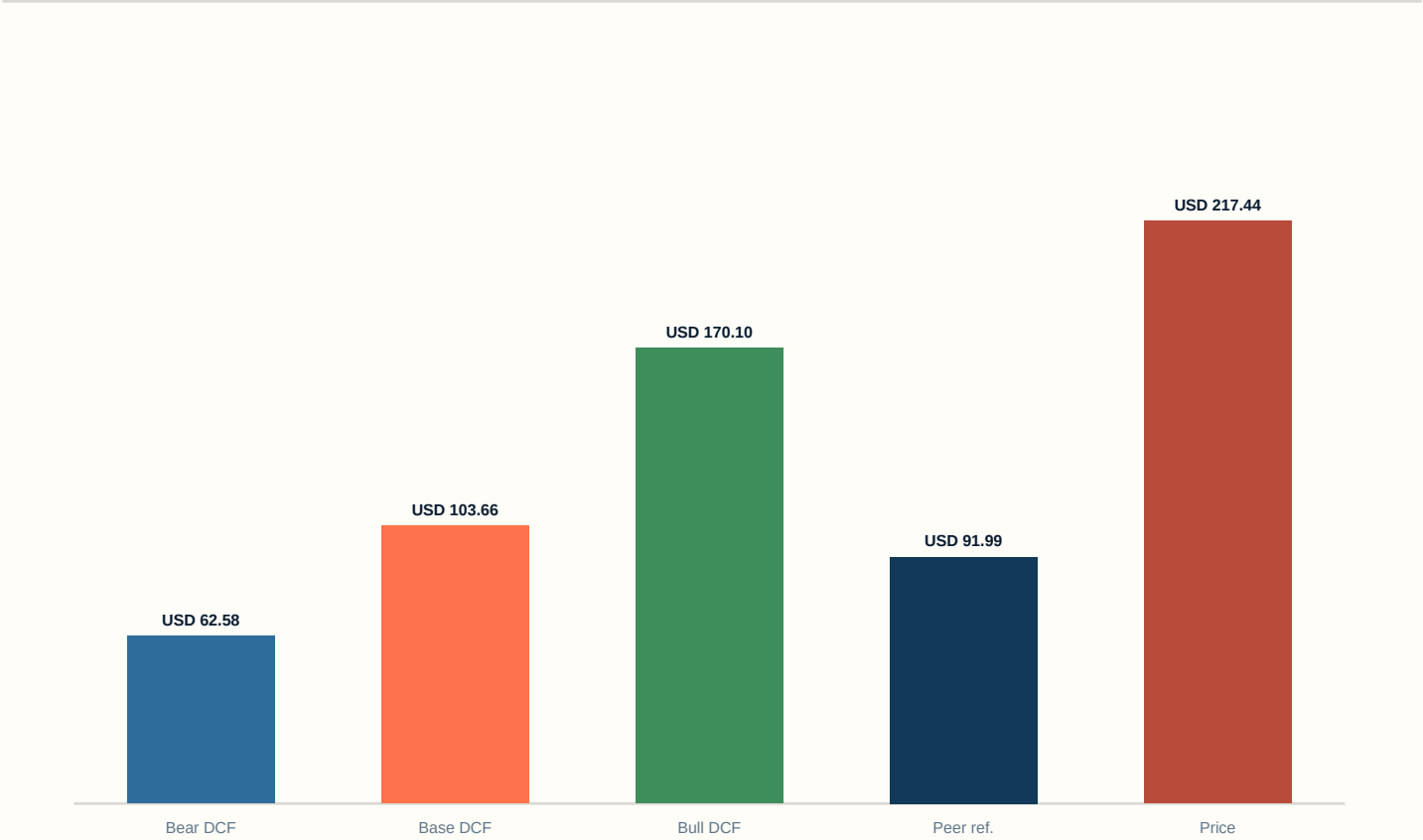
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Market FCF yield	1.8%
Sector WACC	9.5%
Terminal growth	2.5%

NVDA Cash yield versus hurdle rate: Market FCF yield is 1.8%; Terminal growth is 2.5%. The cash yield versus hurdle rate exhibit uses the stated calculation basis above.

DCF SCENARIOS, PEER REFERENCE AND OBSERVED PRICE

Valuation-method range



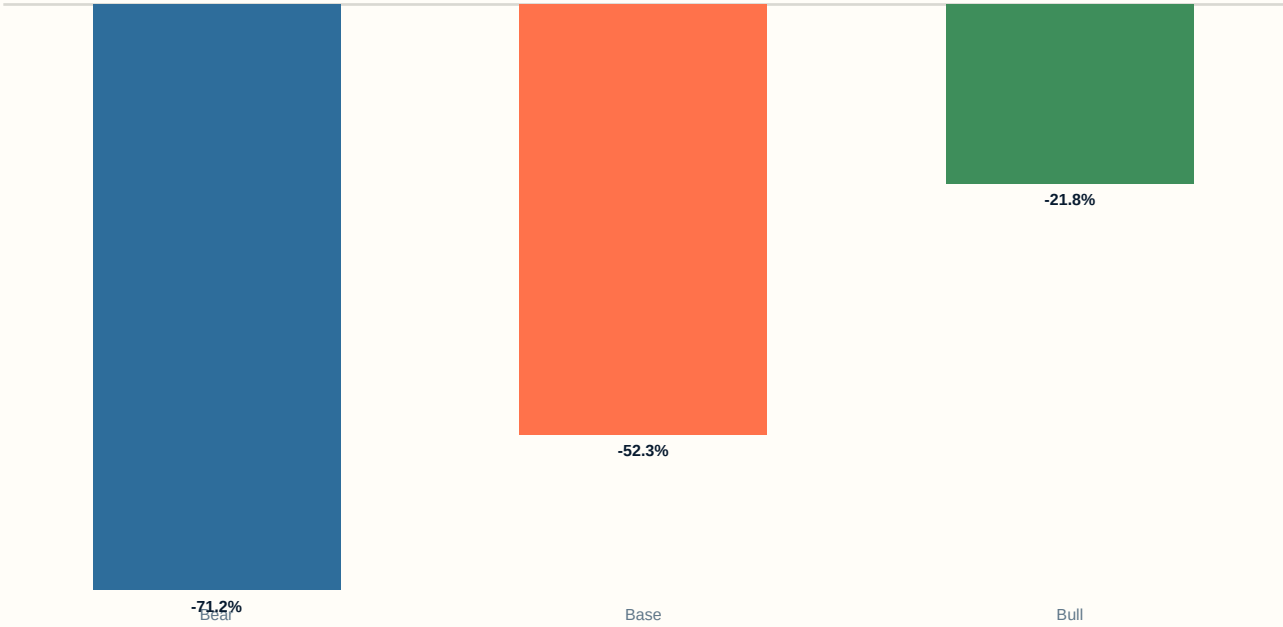
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Bear DCF	USD 62.58
Base DCF	USD 103.66
Bull DCF	USD 170.10
Peer ref.	USD 91.99
Price	USD 217.44

NVDA Valuation-method range: Bear DCF is USD 62.58; Price is USD 217.44. The valuation-method range exhibit uses the stated calculation basis above.

MODELED VALUE RELATIVE TO OBSERVED PRICE

Scenario return profile



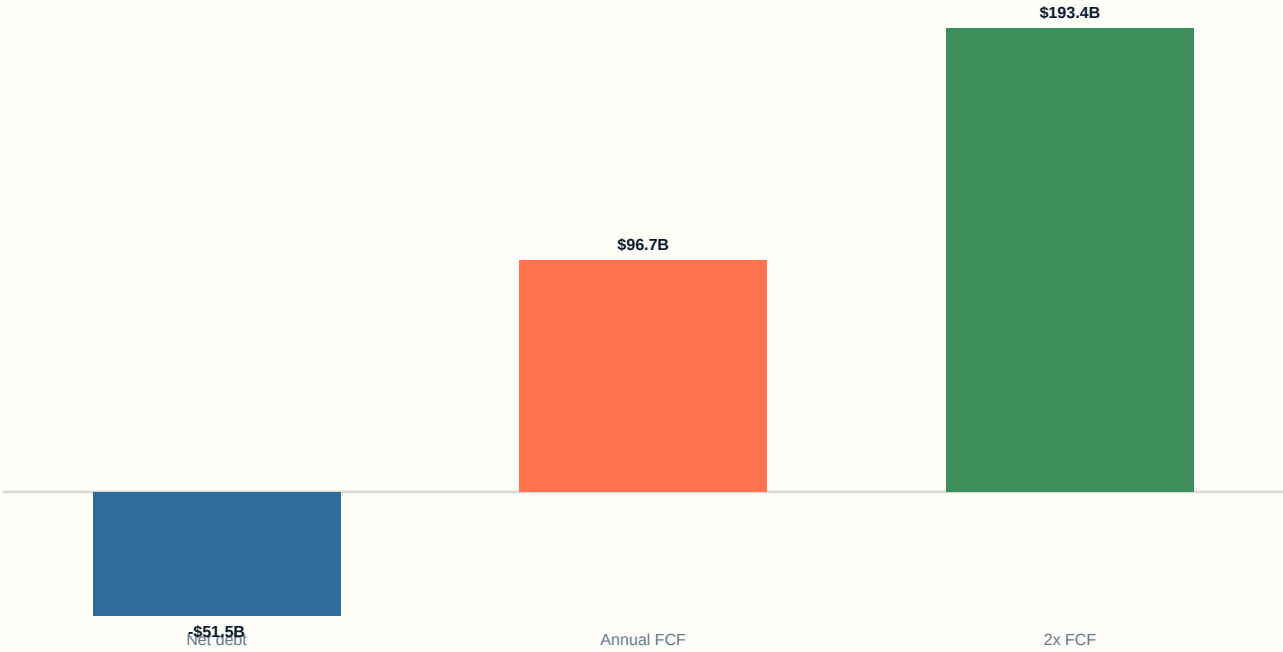
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Bear	-71.2%
Base	-52.3%
Bull	-21.8%

NVDA Scenario return profile: Bear is -71.2%; Bull is -21.8%. The scenario return profile exhibit uses the stated calculation basis above.

BALANCE-SHEET BURDEN RELATIVE TO CASH FLOW

Net-debt stress



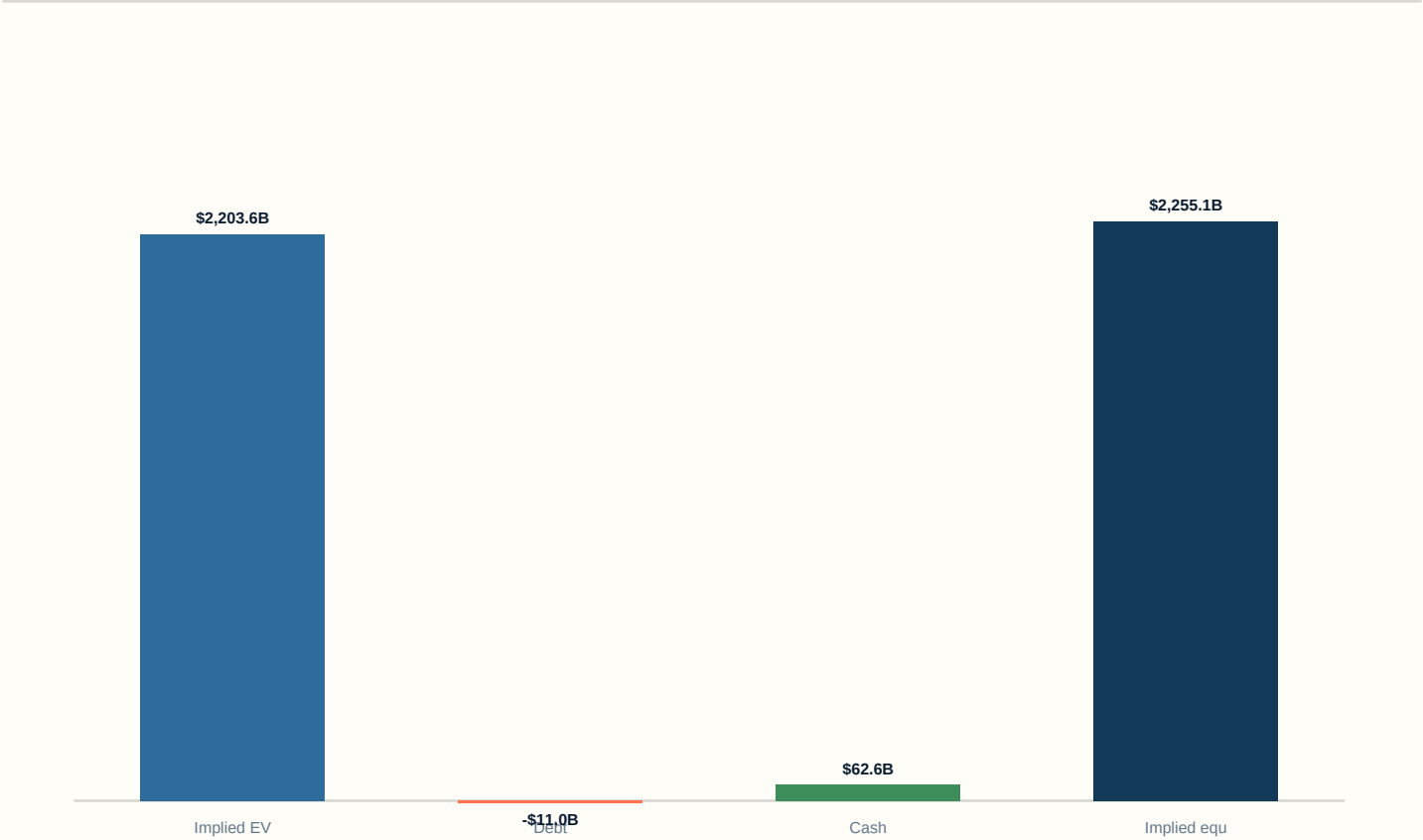
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Net debt	-\$51.5B
Annual FCF	\$96.7B
2x FCF	\$193.4B

NVDA Net-debt stress: Net debt is -\$51.5B; 2x FCF is \$193.4B. The net-debt stress exhibit uses the stated calculation basis above.

MEDIAN PEER MULTIPLE APPLIED TO SUBJECT REVENUE

Peer-implied equity bridge



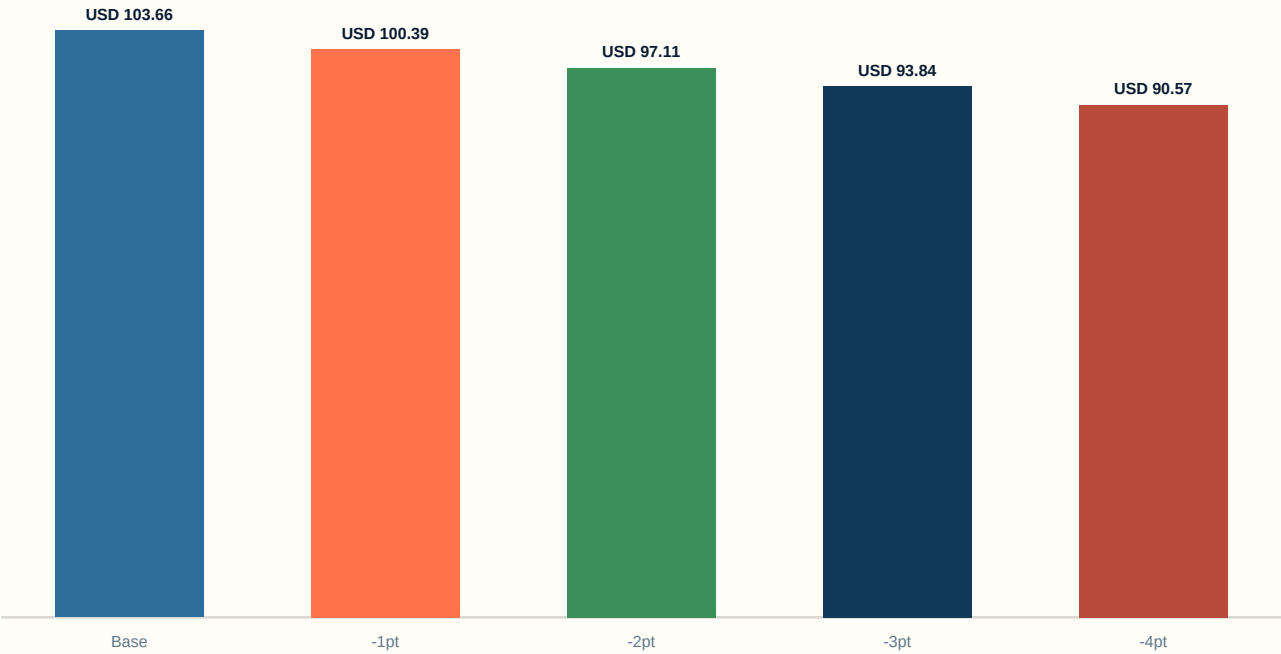
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Implied EV	\$2,203.6B
Debt	-\$11.0B
Cash	\$62.6B
Implied equity	\$2,255.1B

NVDA Peer-implied equity bridge: Implied EV is \$2,203.6B; Implied equity is \$2,255.1B. The peer-implied equity bridge exhibit uses the stated calculation basis above.

VALUATION EFFECT OF LOWER FCF CONVERSION

Margin downside stress



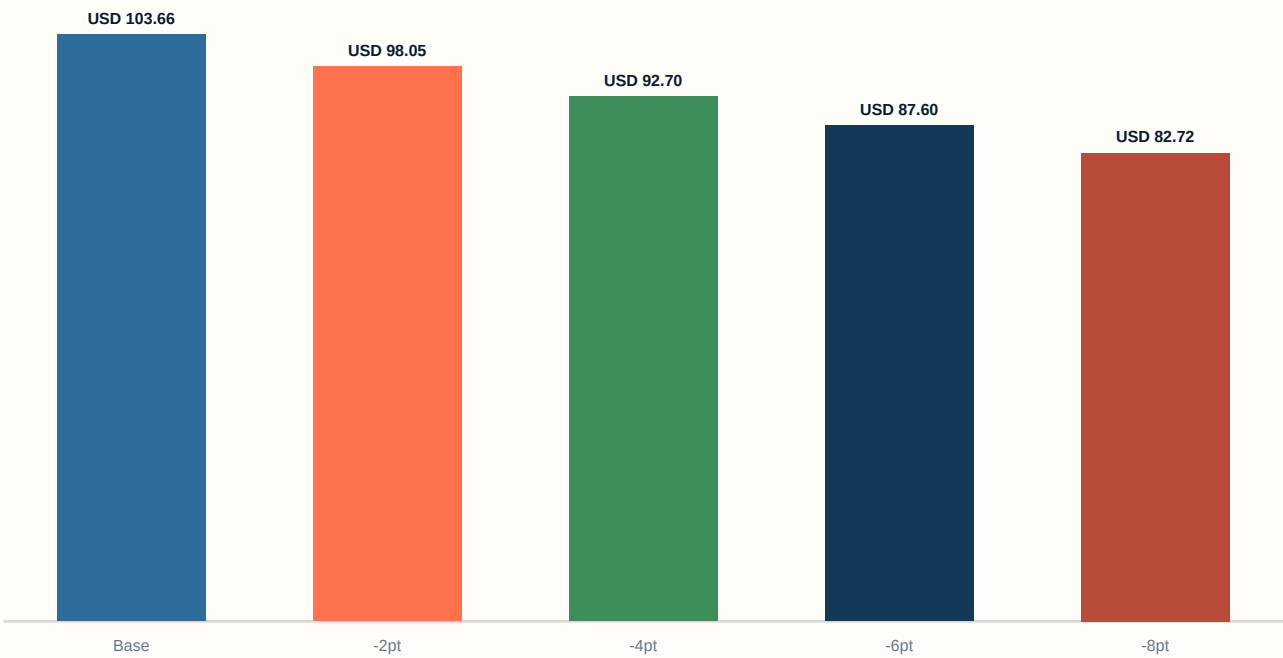
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Base	USD 103.66
-1pt	USD 100.39
-2pt	USD 97.11
-3pt	USD 93.84
-4pt	USD 90.57

NVDA Margin downside stress: Base is USD 103.66; -4pt is USD 90.57. The margin downside stress exhibit uses the stated calculation basis above.

VALUATION EFFECT OF LOWER STARTING GROWTH

Growth downside stress



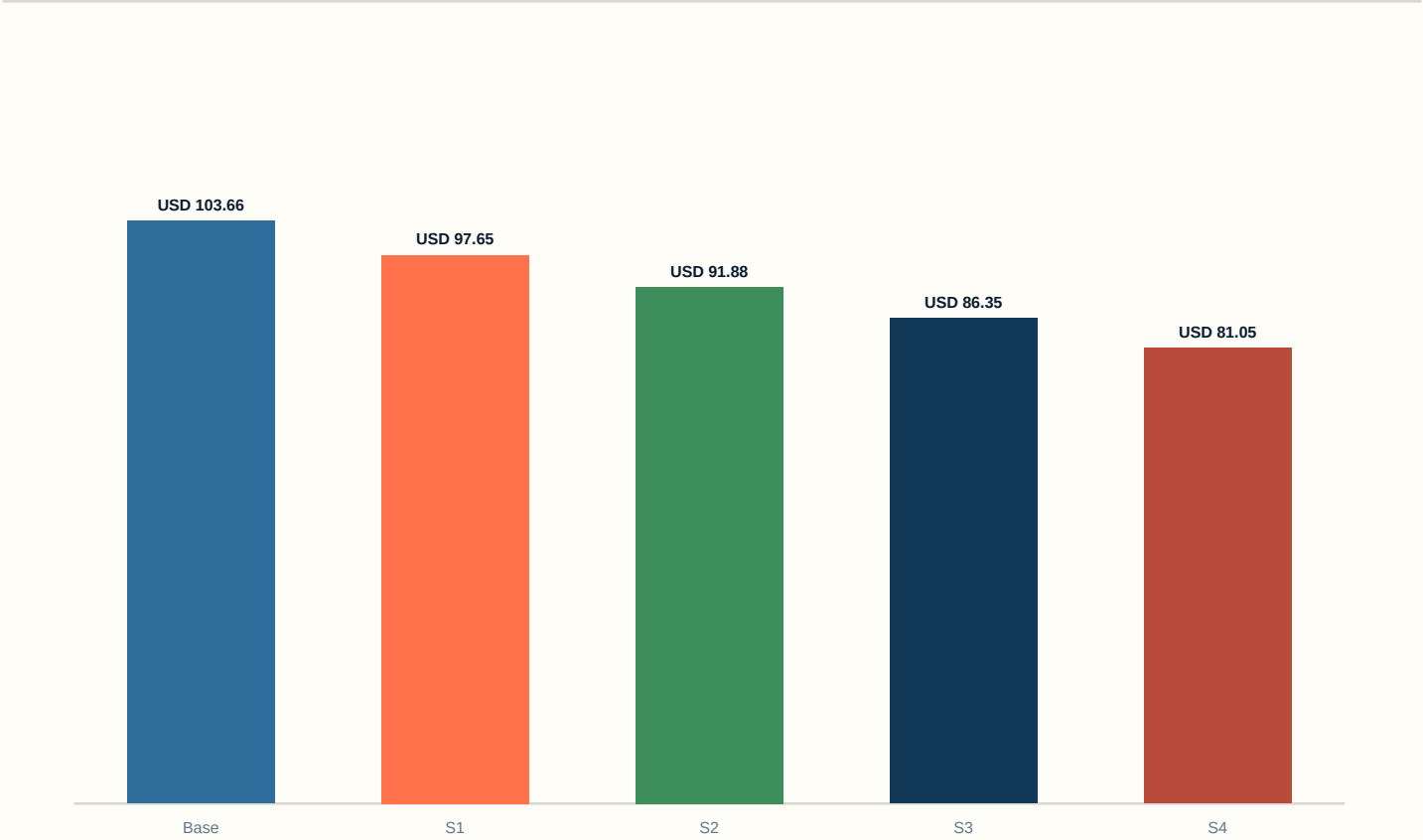
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Base	USD 103.66
-2pt	USD 98.05
-4pt	USD 92.70
-6pt	USD 87.60
-8pt	USD 82.72

NVDA Growth downside stress: Base is USD 103.66; -8pt is USD 82.72. The growth downside stress exhibit uses the stated calculation basis above.

GROWTH AND MARGIN DOWNSIDE APPLIED TOGETHER

Combined operating stress



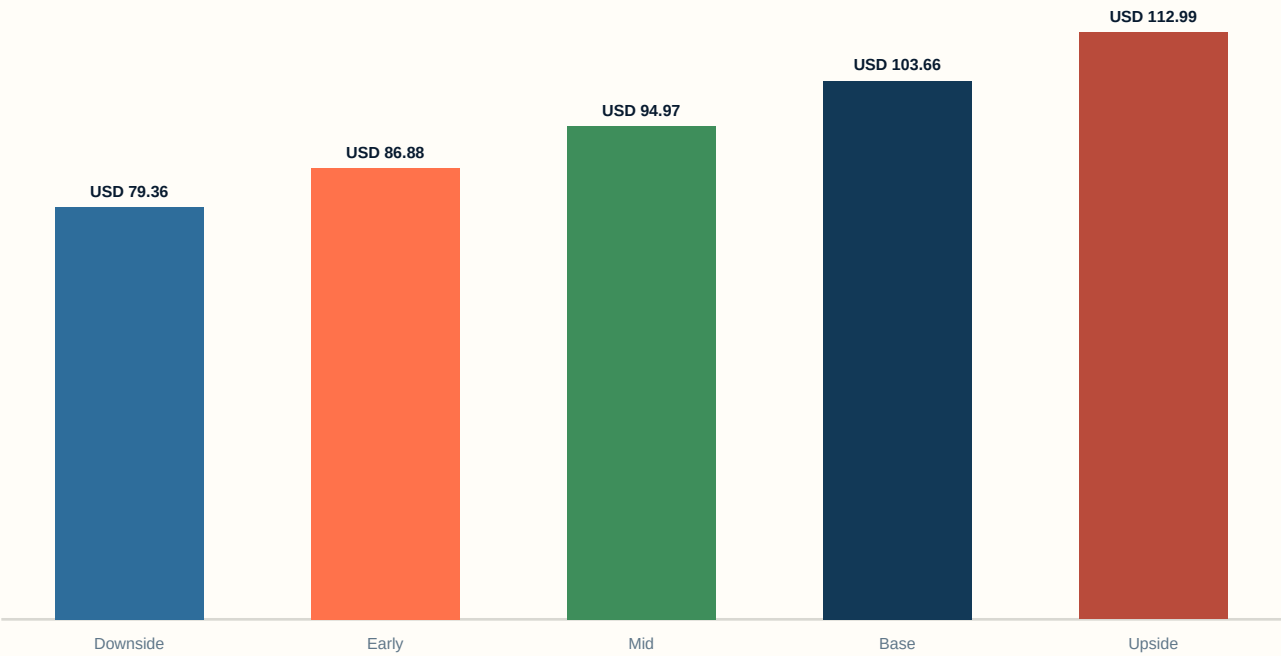
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Base	USD 103.66
S1	USD 97.65
S2	USD 91.88
S3	USD 86.35
S4	USD 81.05

NVDA Combined operating stress: Base is USD 103.66; S4 is USD 81.05. The combined operating stress exhibit uses the stated calculation basis above.

STAGED NORMALIZATION FROM DOWNSIDE TO BASE

Operating recovery path



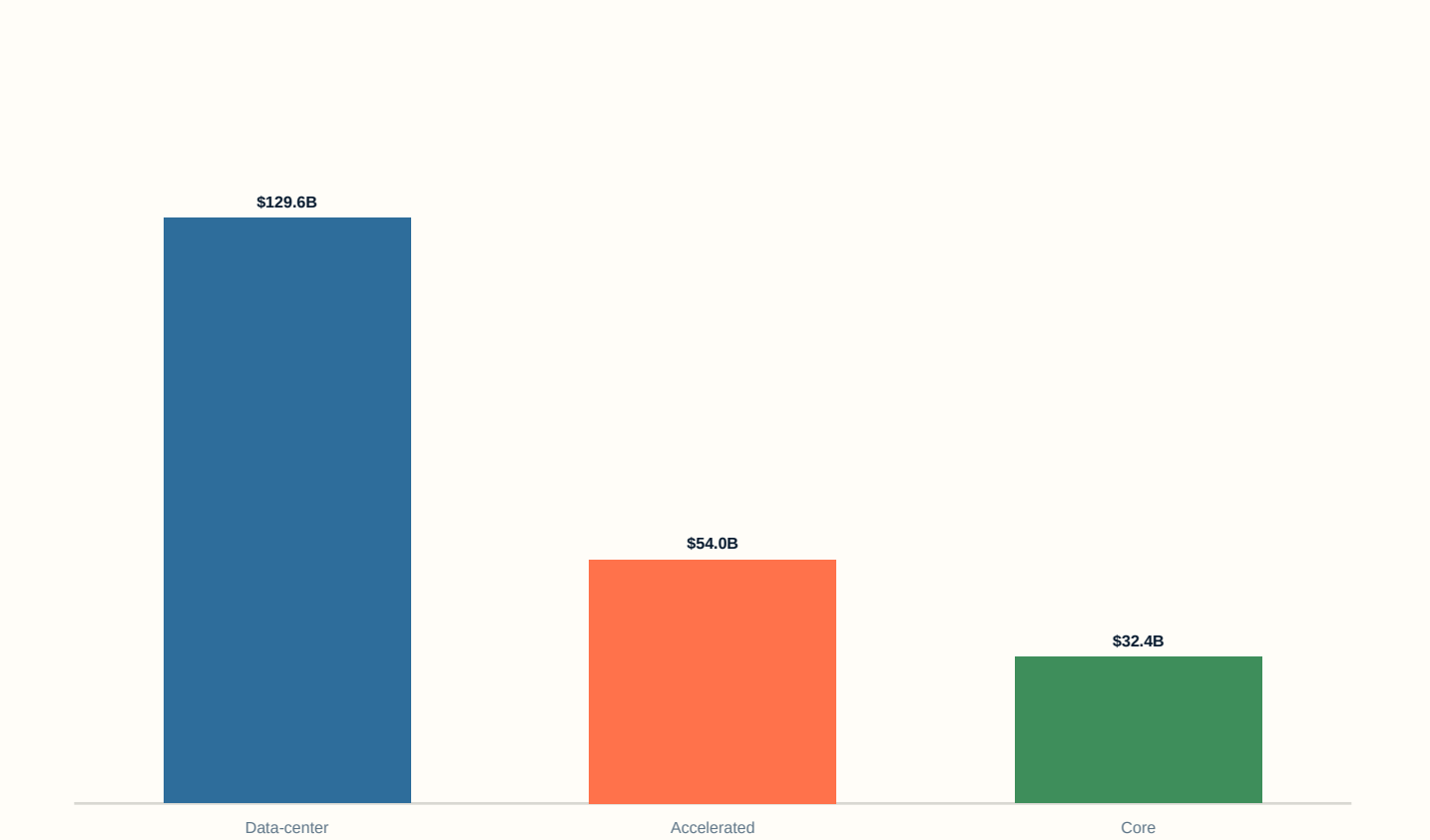
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Downside	USD 79.36
Early	USD 86.88
Mid	USD 94.97
Base	USD 103.66
Upside	USD 112.99

NVDA Operating recovery path: Downside is USD 79.36; Upside is USD 112.99. The operating recovery path exhibit uses the stated calculation basis above.

REVENUE ALLOCATION ACROSS OPERATING DRIVERS

Current analytical segment mix



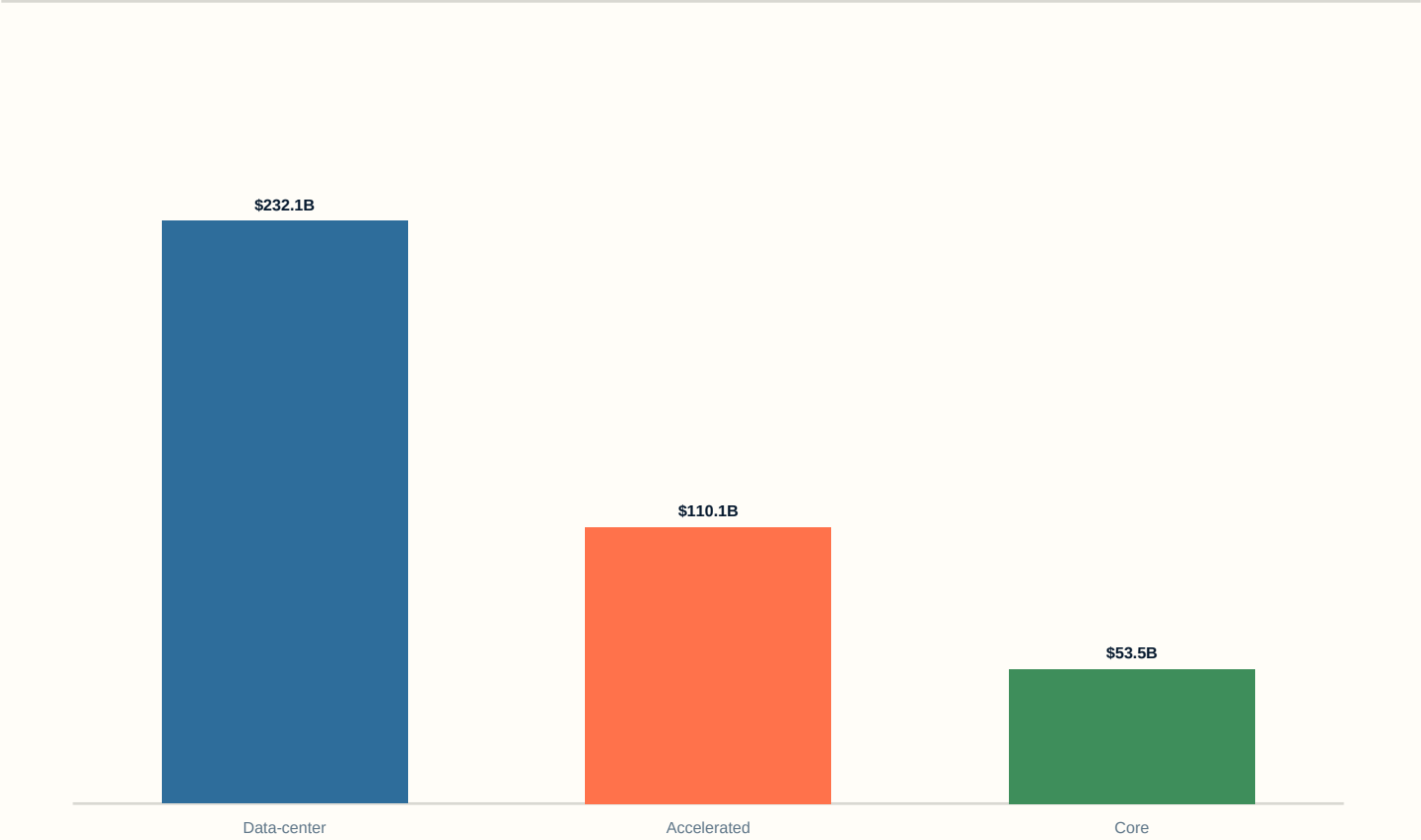
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Data-center	\$129.6B
Accelerated	\$54.0B
Core	\$32.4B

NVDA Current analytical segment mix: Data-center is \$129.6B; Core is \$32.4B. The current analytical segment mix exhibit uses the stated calculation basis above.

FORECAST MIX AFTER DIFFERENTIAL GROWTH

Year-three segment mix



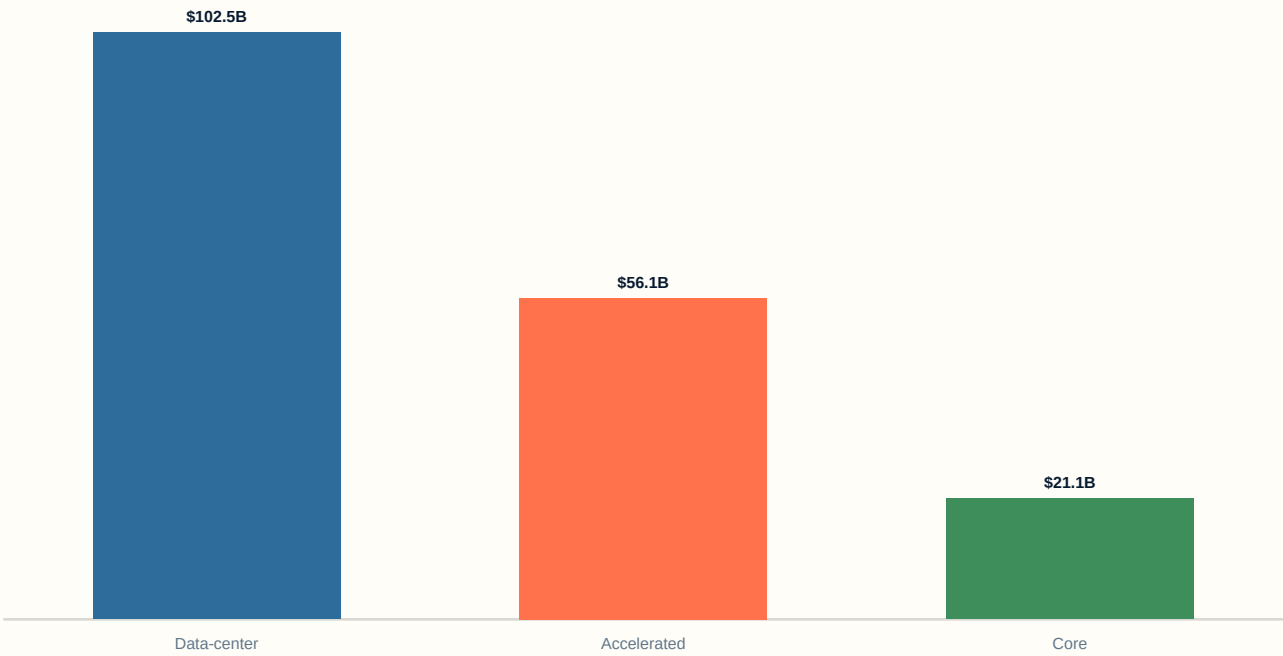
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Data-center	\$232.1B
Accelerated	\$110.1B
Core	\$53.5B

NVDA Year-three segment mix: Data-center is \$232.1B; Core is \$53.5B. The year-three segment mix exhibit uses the stated calculation basis above.

CONTRIBUTION TO CONSOLIDATED REVENUE CHANGE

Segment growth contribution



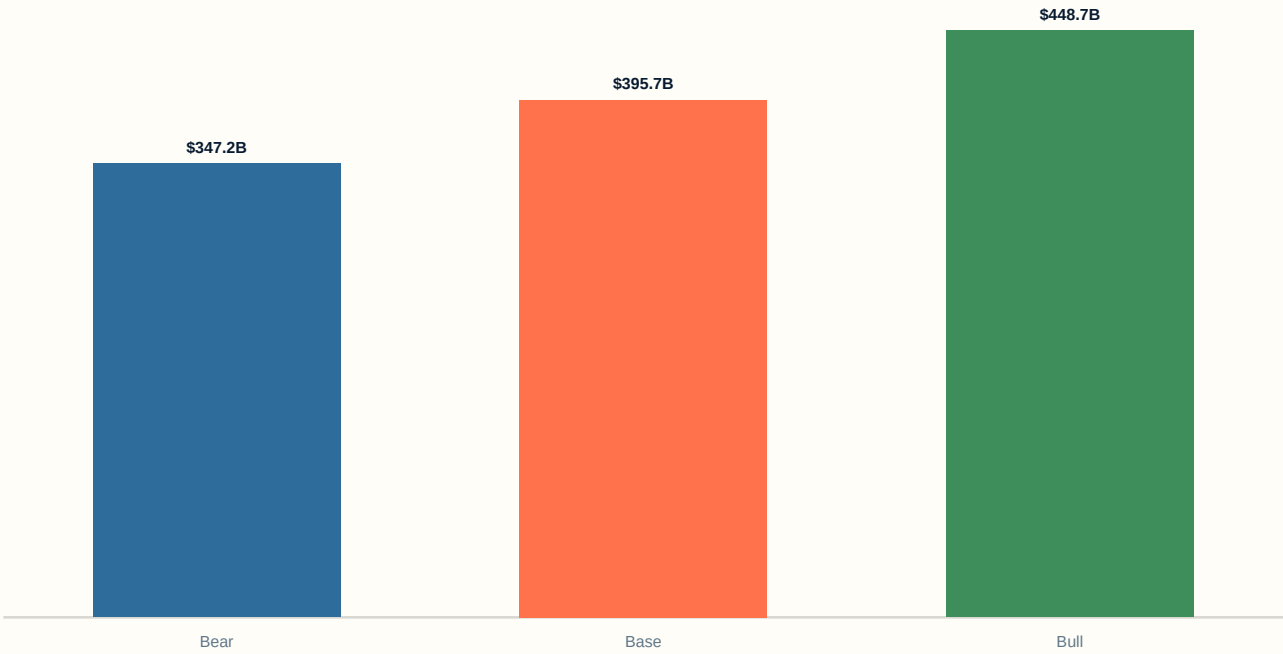
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Data-center	\$102.5B
Accelerated	\$56.1B
Core	\$21.1B

NVDA Segment growth contribution: Data-center is \$102.5B; Core is \$21.1B. The segment growth contribution exhibit uses the stated calculation basis above.

BEAR, BASE AND BULL YEAR-THREE OUTCOMES

Segment scenario spread



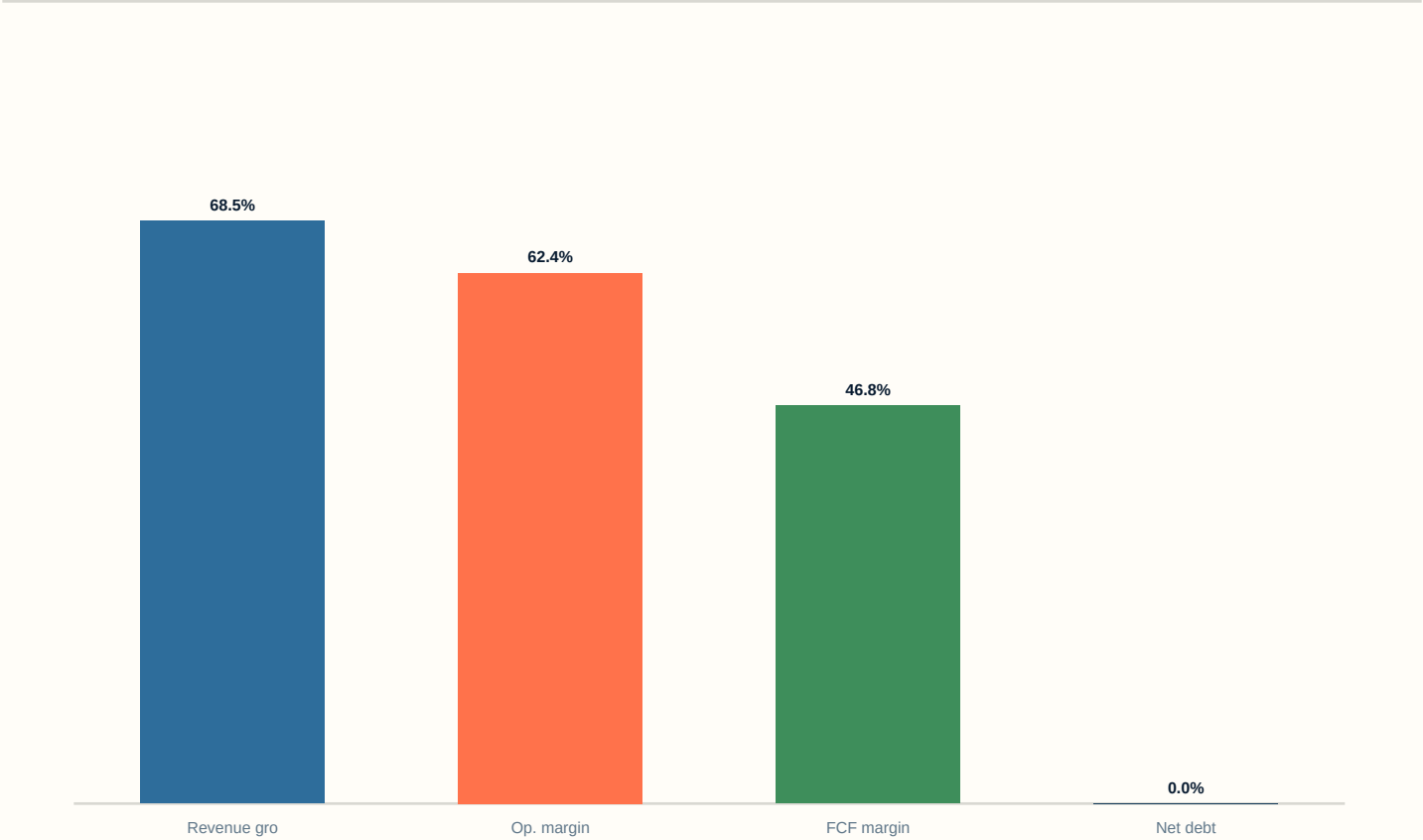
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Bear	\$347.2B
Base	\$395.7B
Bull	\$448.7B

NVDA Segment scenario spread: Bear is \$347.2B; Bull is \$448.7B. The segment scenario spread exhibit uses the stated calculation basis above.

EVIDENCE REQUIRED FOR ESTIMATE INCREASES

Catalyst KPI thresholds



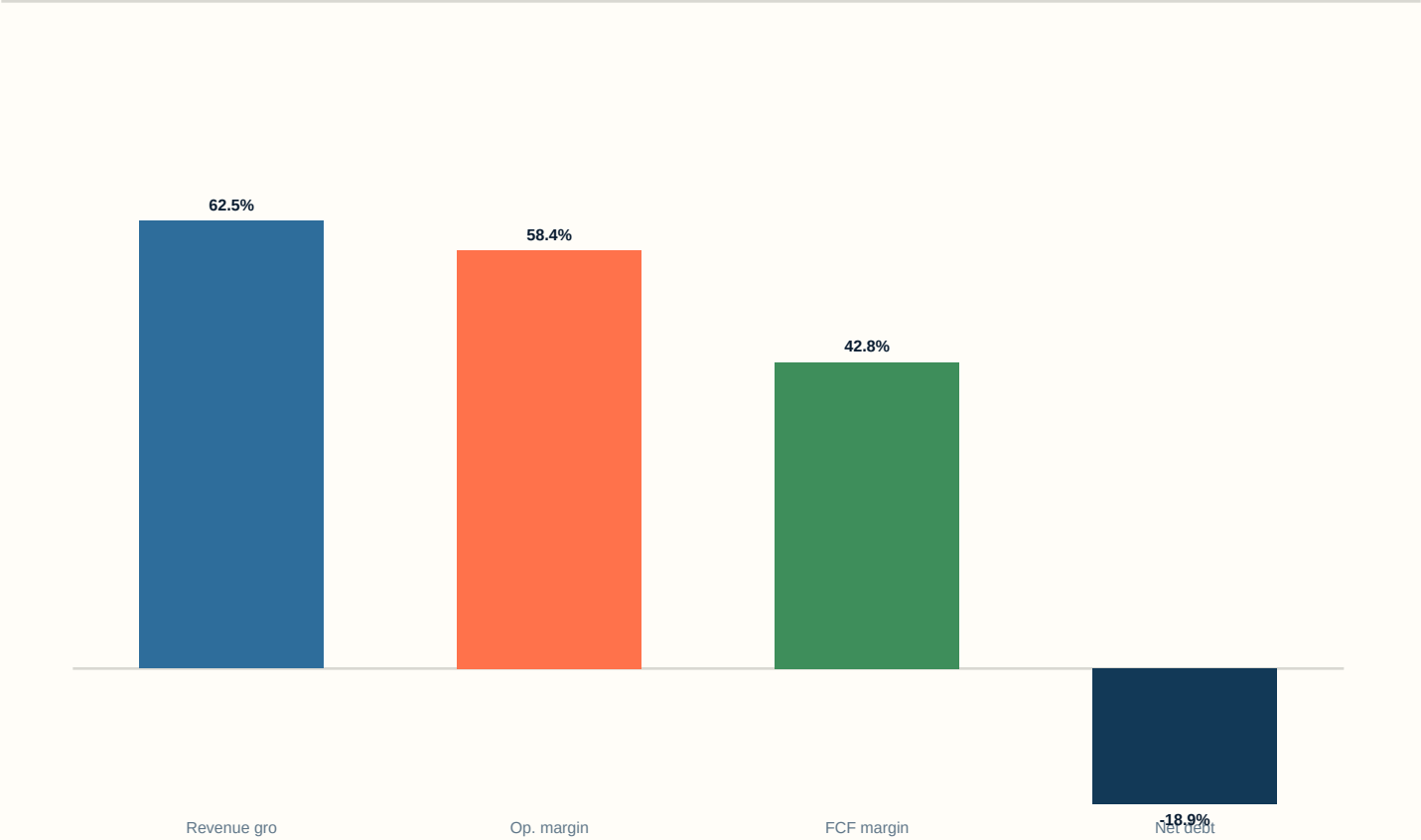
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Revenue growth	68.5%
Op. margin	62.4%
FCF margin	46.8%
Net debt	0.0%

NVDA Catalyst KPI thresholds: Revenue growth is 68.5%; Net debt is 0.0%. The catalyst kpi thresholds exhibit uses the stated calculation basis above.

EVIDENCE REQUIRING ESTIMATE REDUCTIONS

Risk KPI thresholds



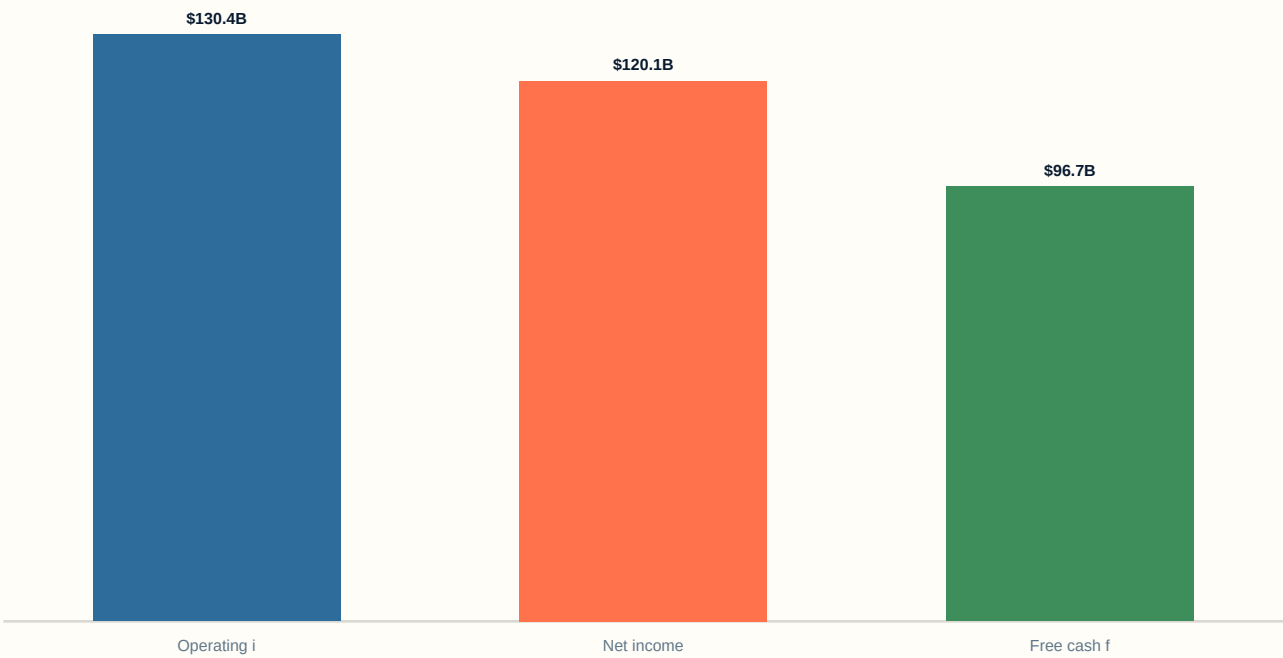
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Revenue growth	62.5%
Op. margin	58.4%
FCF margin	42.8%
Net debt	-18.9%

NVDA Risk KPI thresholds: Revenue growth is 62.5%; Net debt is -18.9%. The risk kpi thresholds exhibit uses the stated calculation basis above.

OPERATING PROFIT, NET INCOME AND FREE CASH FLOW

Earnings reconciliation



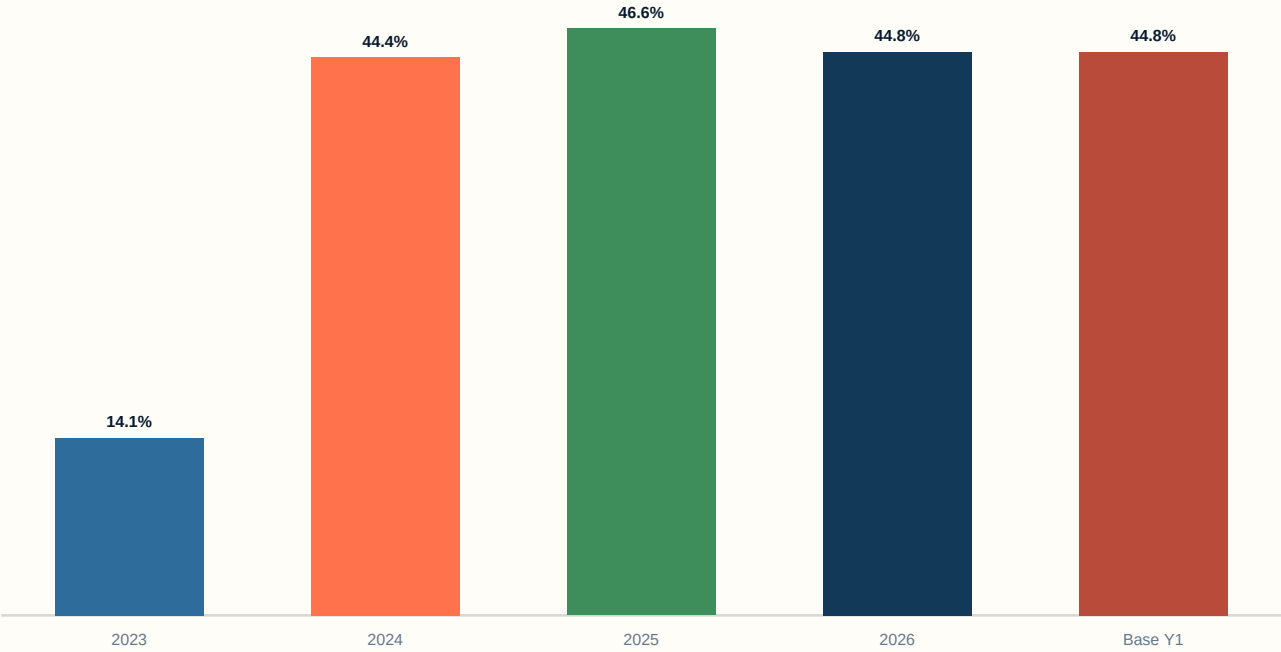
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Operating income	\$130.4B
Net income	\$120.1B
Free cash flow	\$96.7B

NVDA Earnings reconciliation: Operating income is \$130.4B; Free cash flow is \$96.7B. The earnings reconciliation exhibit uses the stated calculation basis above.

HISTORICAL CONVERSION AND MODELED BASE

Cash-conversion watch



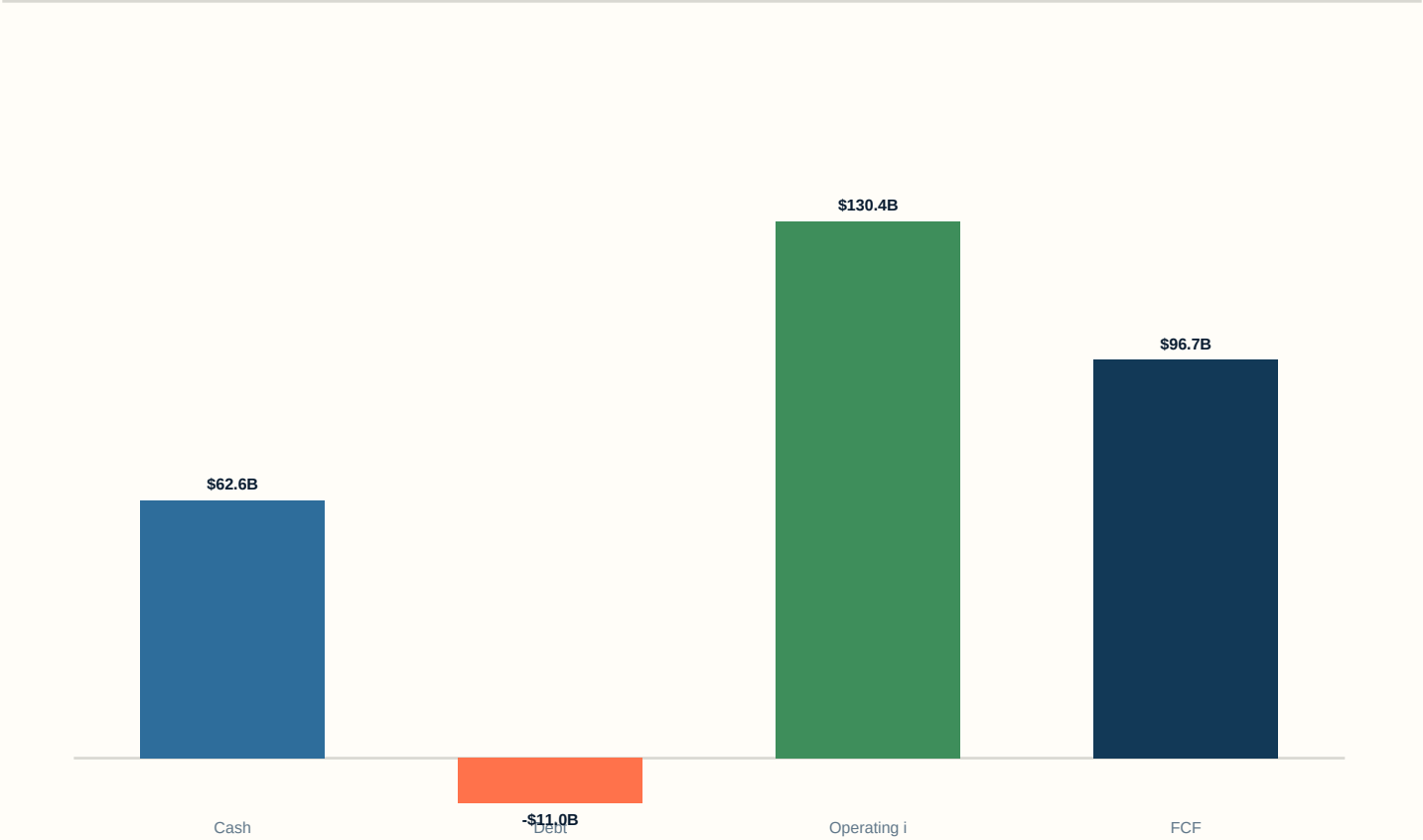
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
2023	14.1%
2024	44.4%
2025	46.6%
2026	44.8%
Base Y1	44.8%

NVDA Cash-conversion watch: 2023 is 14.1%; Base Y1 is 44.8%. The cash-conversion watch exhibit uses the stated calculation basis above.

CASH GENERATION, REINVESTMENT AND LEVERAGE

Capital-allocation scorecard



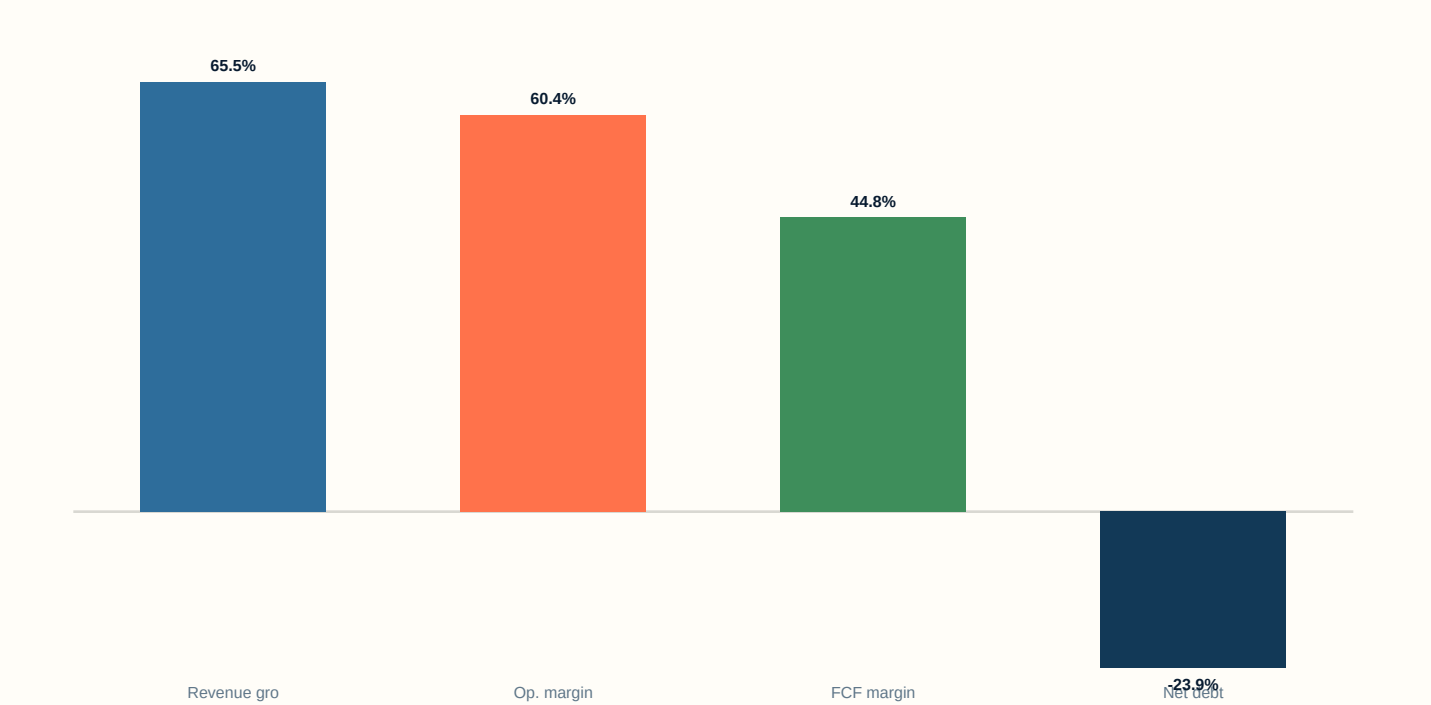
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Cash	\$62.6B
Debt	-\$11.0B
Operating income	\$130.4B
FCF	\$96.7B

NVDA Capital-allocation scorecard: Cash is \$62.6B; FCF is \$96.7B. The capital-allocation scorecard exhibit uses the stated calculation basis above.

QUANTIFIED TRIGGERS FOR FORECAST CHANGES

Model revision protocol



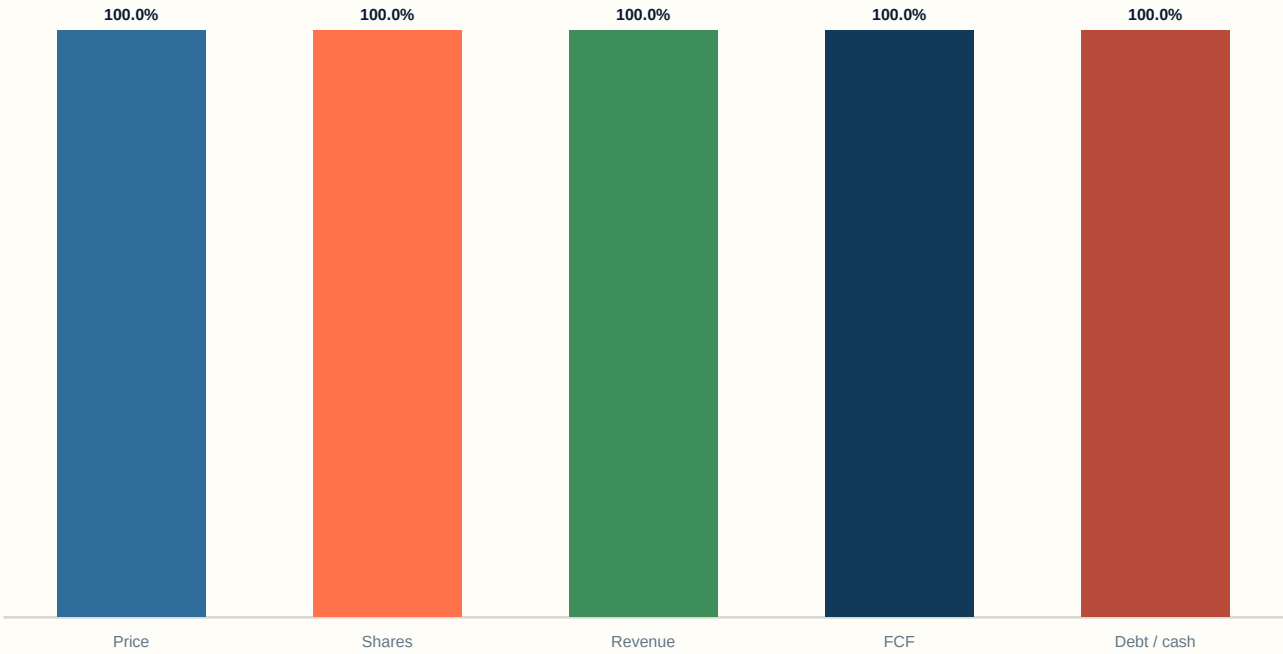
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Revenue growth	65.5%
Op. margin	60.4%
FCF margin	44.8%
Net debt	-23.9%

NVDA Model revision protocol: Revenue growth is 65.5%; Net debt is -23.9%. The model revision protocol exhibit uses the stated calculation basis above.

AVAILABILITY OF CRITICAL VALUATION INPUTS

Source-data coverage



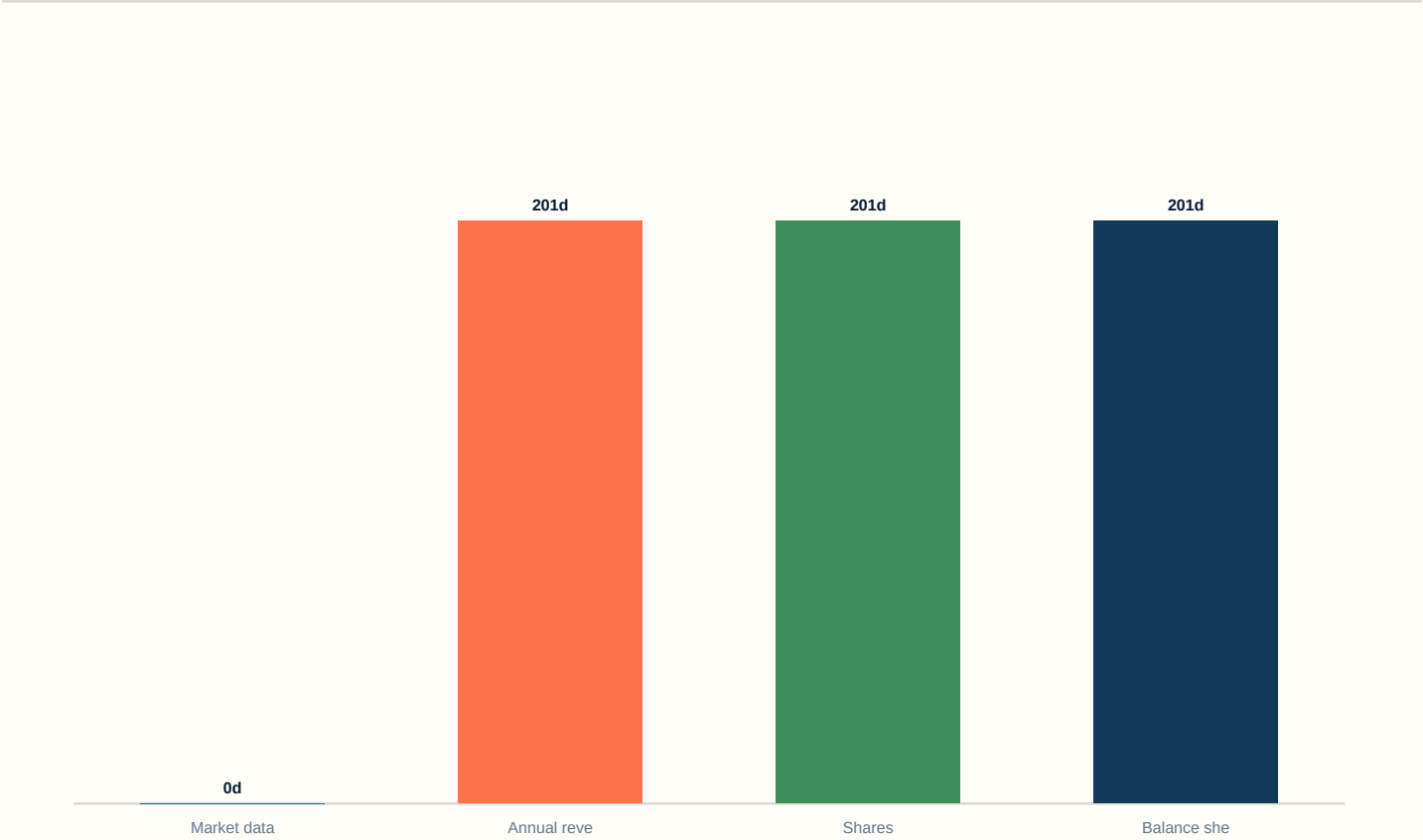
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Price	100.0%
Shares	100.0%
Revenue	100.0%
FCF	100.0%
Debt / cash	100.0%

NVDA Source-data coverage: Price is 100.0%; Debt / cash is 100.0%. The source-data coverage exhibit uses the stated calculation basis above.

AGE AND TIMING OF CORE MODEL INPUTS

Data recency register



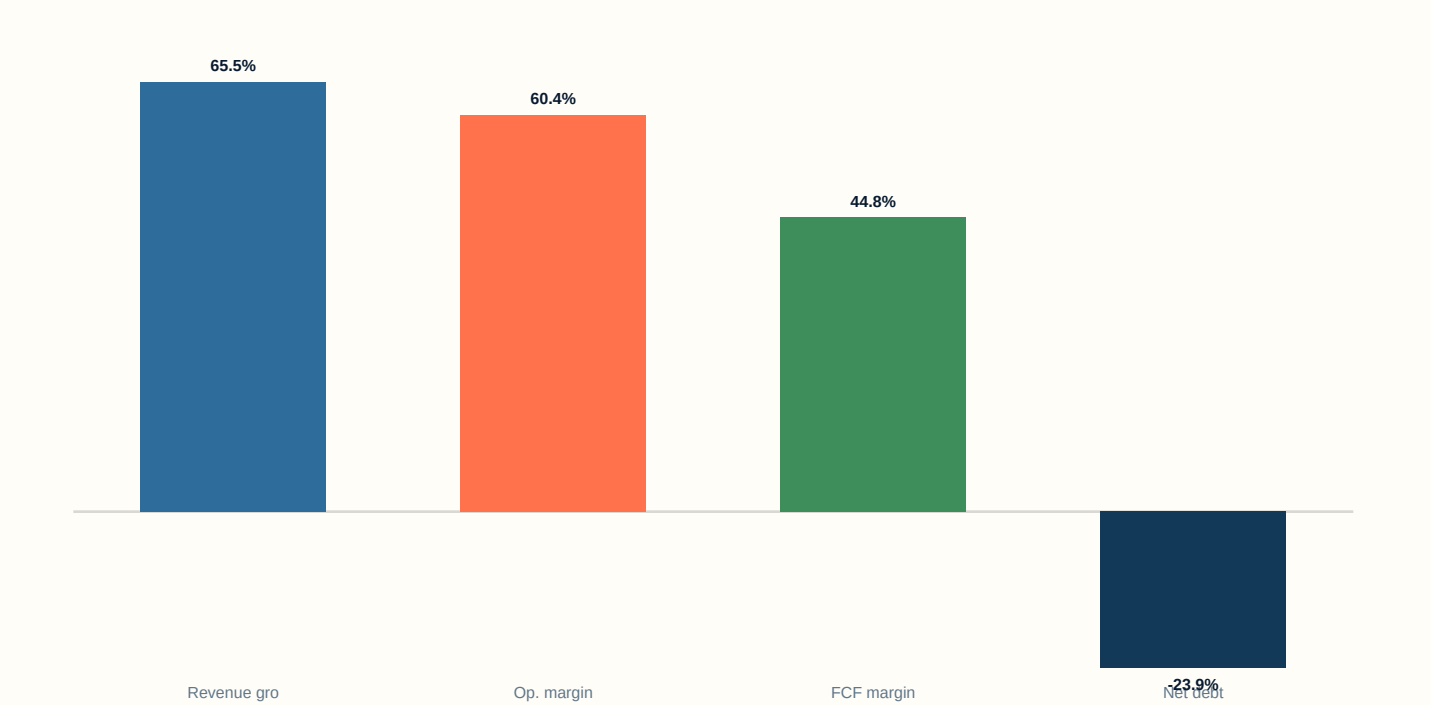
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Market data	0d
Annual revenue	201d
Shares	201d
Balance sheet	201d

NVDA Data recency register: Market data is 0d; Balance sheet is 201d. The data recency register exhibit uses the stated calculation basis above.

QUESTIONS TIED TO MEASURABLE FORECAST DRIVERS

Management diligence agenda



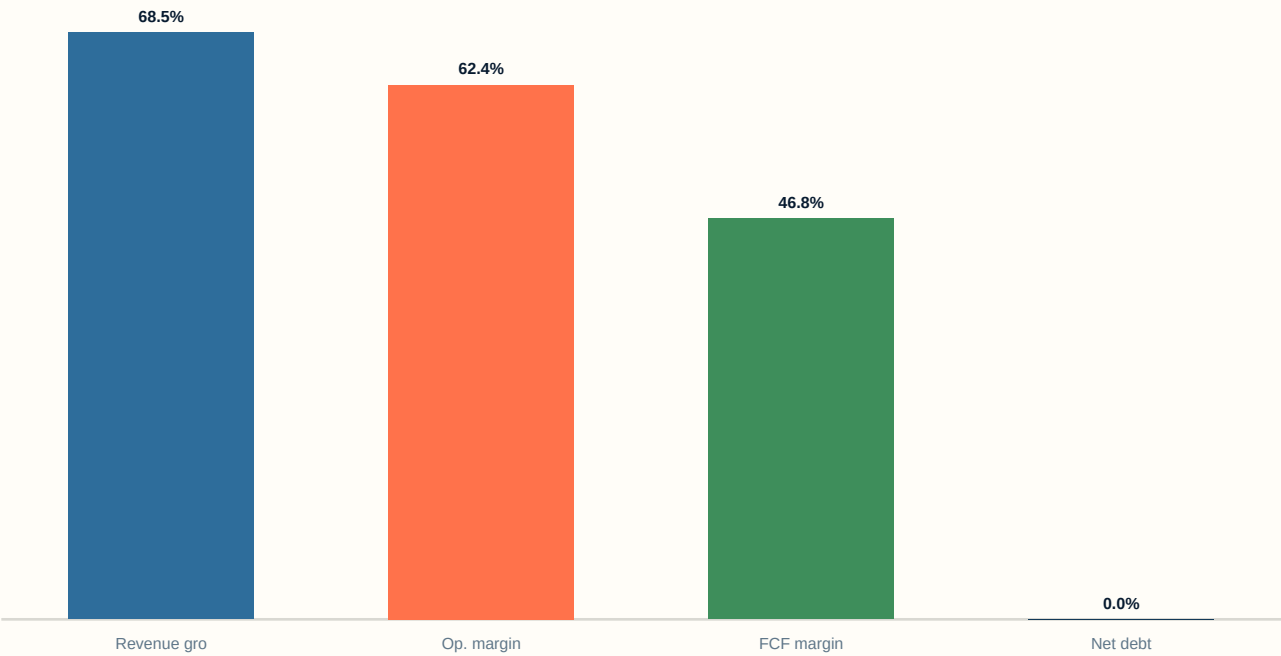
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Revenue growth	65.5%
Op. margin	60.4%
FCF margin	44.8%
Net debt	-23.9%

NVDA Management diligence agenda: Revenue growth is 65.5%; Net debt is -23.9%. The management diligence agenda exhibit uses the stated calculation basis above.

EVIDENCE SUPPORTING THE BASE CASE

Thesis confirmation scorecard



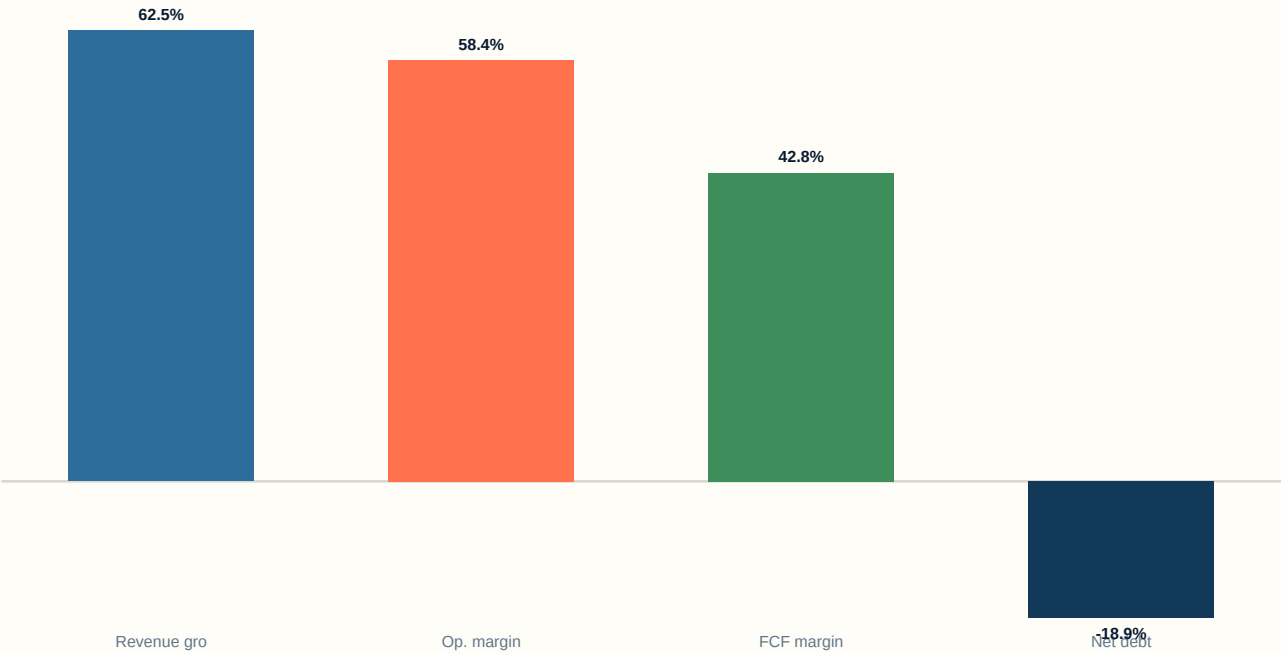
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Revenue growth	68.5%
Op. margin	62.4%
FCF margin	46.8%
Net debt	0.0%

NVDA Thesis confirmation scorecard: Revenue growth is 68.5%; Net debt is 0.0%. The thesis confirmation scorecard exhibit uses the stated calculation basis above.

DISTANCE FROM CURRENT METRICS TO RESET THRESHOLDS

Thesis-breaker distance



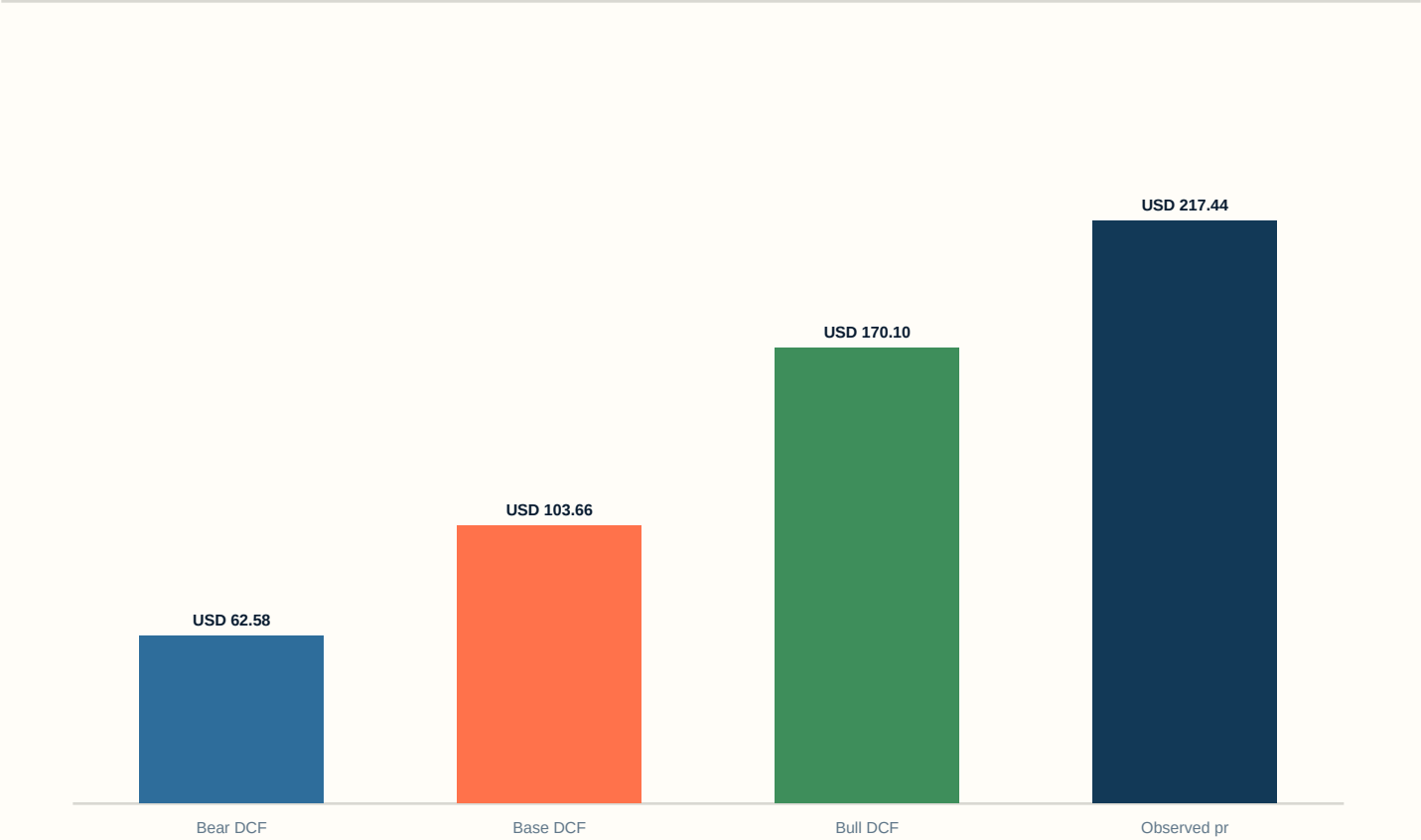
SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Revenue growth	62.5%
Op. margin	58.4%
FCF margin	42.8%
Net debt	-18.9%

NVDA Thesis-breaker distance: Revenue growth is 62.5%; Net debt is -18.9%. The thesis-breaker distance exhibit uses the stated calculation basis above.

VALUATION DISPERSION AND THE CONTROLLING ASSUMPTION

Investment debate summary



SOURCE / Dated Yahoo Finance chart/fundamentals snapshot, standardized SEC facts where available, and Northstar calculations.

Measure / case	Calculated value
Bear DCF	USD 62.58
Base DCF	USD 103.66
Bull DCF	USD 170.10
Observed price	USD 217.44

NVDA Investment debate summary: Bear DCF is USD 62.58; Observed price is USD 217.44. The investment debate summary exhibit uses the stated calculation basis above.

INTERPRETATION OF THE EVIDENCE, NOT A RECOMMENDATION

Investment thesis in plain English

OBSERVED PRICE USD 217.44 dated market input	BASE DCF USD 103.66 Northstar estimate	REVENUE GROWTH 65.5% latest reported	FCF MARGIN 44.8% normalized input
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THE CENTRAL PROPOSITION

NVIDIA (NVDA) enters the underwriting with \$215.9B of latest annual revenue, reported growth of 65.5% and a 60.4% operating margin. Those figures establish scale and current momentum, but they do not by themselves establish value. The central analytical question is whether product adoption and ecosystem depth can sustain growth without requiring proportionate selling expense or infrastructure investment. For NVDA, the practical expression of that question is data-center demand; the thesis requires that driver to remain economically productive rather than merely adding reported activity.

WHERE THE MODEL DISAGREES WITH PRICE

Northstar's base case begins with 21.5% first-year growth and a 44.8% free-cash-flow margin, producing USD 103.66 per share versus the dated market price of USD 217.44. That is -52.3% upside or downside in model terms. The result is best read as a diagnostic: it identifies the combination of growth, conversion and discounting needed to reconcile operating evidence with price. It is not a target price, and a narrow valuation gap would place greater weight on execution quality than on multiple expansion.

WHAT MUST BE TRUE

The favorable case needs three linked outcomes: data-center demand must support the revenue path, accelerated computing must protect incremental economics, and margin sensitivity must translate accounting performance into free cash flow. Failure in one area can be absorbed temporarily; failure in two would weaken the base case because the terminal value represents a material portion of modeled value. The report therefore treats operating proof, cash conversion and valuation as one chain rather than as independent talking points.

WHAT THE REPORTED TRAJECTORY SAYS ABOUT THE BUSINESS

Reading the historical record

OBSERVED PRICE USD 217.44 dated market input	BASE DCF USD 103.66 Northstar estimate	REVENUE GROWTH 65.5% latest reported	FCF MARGIN 44.8% normalized input
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GROWTH QUALITY, NOT JUST GROWTH RATE

Across the available annual history, NVDA revenue compounded at approximately 100.0%, with the latest period changing 65.5%. The comparison matters because acceleration from a depressed base and deceleration from an unusually strong period carry different information. The model deliberately blends reported momentum with a technology sector anchor, arriving at 21.5% rather than copying the latest print. This reduces the risk that one period becomes the permanent forecast.

PROFITABILITY AND CONVERSION

Latest operating income is \$130.4B, net income is \$120.1B, and modeled free cash flow is \$96.7B. The resulting 44.8% conversion margin is the economic hinge in the valuation. If revenue expands while conversion weakens, reported growth may be consuming working capital, fixed investment, credit costs or customer-acquisition expense. If conversion holds or rises, incremental revenue has more evidence of creating distributable value.

THE CORRECT HISTORICAL INFERENCE

The record supports a conditional, not automatic, extrapolation. NVDA's scale makes data-center demand observable in reported figures, while accelerated computing explains why similar headline growth can create different shareholder outcomes. Northstar therefore uses history to define a range of plausible operating behavior and to identify where the forecast is most fragile. It does not treat the highest historical margin or growth rate as a normalized endpoint, and it does not capitalize a temporary benefit into perpetuity without confirming evidence.

SOURCE / Northstar interpretation of the adjacent cited financial history, dated market snapshot, explicit DCF assumptions and calculated peer set. Estimates are labeled and should be refreshed with new filings.

VARIANT VIEW, DEPENDENCIES AND PROOF POINTS

The operating debate

OBSERVED PRICE USD 217.44 dated market input	BASE DCF USD 103.66 Northstar estimate	REVENUE GROWTH 65.5% latest reported	FCF MARGIN 44.8% normalized input
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THE DEBATE THAT MATTERS

The core debate is whether NVDA can deliver 21.5% modeled growth while sustaining a 44.8% free-cash-flow margin. The bullish interpretation is that data-center demand supports durable demand and improves fixed-cost absorption. The skeptical interpretation is that the same growth requires heavier reinvestment, price concessions or risk-taking, leaving less free cash flow per unit of revenue. Both views can coexist in headline results for several quarters, which is why the report emphasizes conversion and incremental margins.

NORTHSTAR'S VARIANT VIEW

Northstar separates the operating view from market expectations. The reverse DCF indicates that price is consistent with five-year starting growth of 50.1% under the disclosed margin and WACC assumptions. The useful comparison is between that implied requirement, the explicit base assumption of 21.5%, and the company's reported 65.5% growth. A large gap is a burden of proof; a small gap means the investment case turns more on durability, balance-sheet outcomes and forecast precision.

FALSIFICATION CRITERIA

The thesis should be revised if data-center demand weakens at the same time that the free-cash-flow margin falls more than 300 basis points below the modeled 44.8%. A second warning would be rising reinvestment or financing need without commensurate revenue and profit growth. Conversely, sustained improvement in accelerated computing, cash conversion and the quality of margin sensitivity would justify moving assumptions toward the bull case. These are evidence rules, not sentiment indicators.

EXPECTATIONS EMBEDDED IN PRICE AND MODEL OUTPUTS

What valuation is asking

OBSERVED PRICE

USD 217.44

dated market input

BASE DCF

USD 103.66

Northstar estimate

REVENUE GROWTH

65.5%

latest reported

FCF MARGIN

44.8%

normalized input

PRICE AS AN OPERATING FORECAST

At USD 217.44, NVDA's observed valuation is 24.4x on EV/revenue. A multiple is not an explanation; it is a compressed forecast about growth, margins, capital intensity, risk and duration. Northstar unpacks that forecast through the reverse DCF and compares it with explicit scenarios. The price-implied starting growth is 50.1%, holding the disclosed 44.8% conversion margin and terminal assumptions constant.

INTERPRETING THE DCF RANGE

The bear, base and bull values are USD 62.58, USD 103.66 and USD 170.10 per share. Relative to USD 217.44, those outcomes equal -71.2%, -52.3% and -21.8%. The range is intentionally produced by coherent operating paths: growth, margin, discount rate and terminal growth move together. It should be used to size uncertainty and identify sensitivities, not averaged into a false point estimate.

WHAT WOULD CHANGE THE VALUATION

The most valuable new evidence would change the duration or conversion of growth. Proof that data-center demand can persist with stable acquisition cost and improving free cash flow would support a longer value-creation runway. Evidence that accelerated computing is cyclical, subsidized or capital intensive would shorten it. Because terminal value is sensitive to small changes in mature economics, the report keeps a 2.5% base terminal-growth rate and requires operating evidence before increasing it.

HOW NEW EVIDENCE SHOULD CHANGE THE UNDERWRITING

Decision framework

OBSERVED PRICE

USD 217.44

dated market input

BASE DCF

USD 103.66

Northstar estimate

REVENUE GROWTH

65.5%

latest reported

FCF MARGIN

44.8%

normalized input

BEFORE THE NEXT UPDATE

The base case should remain unchanged unless new evidence is both measurable and economically connected. For NVDA, the first checkpoint is data-center demand; the second is accelerated computing; the third is whether margin sensitivity appears in margins and free cash flow. A favorable headline without cash or margin support is insufficient. A weak headline accompanied by improving unit economics may be less damaging than it first appears.

REVISION RULES

Increase the revenue path only when reported demand or volume evidence supports persistence beyond one period. Increase the free-cash-flow margin only when incremental economics and conversion improve, not simply because management labels costs temporary. Raise the discount rate when balance-sheet, cyclical, governance or forecast risk rises. Each revision should be written as a change in an assumption, the evidence for it and the resulting change in value per share.

DECISION TREE

If growth exceeds 21.5% and the free-cash-flow margin remains near or above 44.8%, the evidence moves toward the bull path. If one measure misses but the other holds, retain the base case and investigate mix or timing. If both miss while reinvestment rises, use the bear path and rebuild the terminal assumptions. This structure makes the report interpretable through time and prevents the investment conclusion from drifting with market price alone.

REVENUE ENGINE, CONVERSION AND REINVESTMENT

Business-model economics

OBSERVED PRICE USD 217.44 dated market input	BASE DCF USD 103.66 Northstar estimate	REVENUE GROWTH 65.5% latest reported	FCF MARGIN 44.8% normalized input
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HOW THE BUSINESS CREATES VALUE

NVIDIA converts \$215.9B of revenue into \$120.1B of net income and \$96.7B of free cash flow. The spread between these measures reflects the combined effect of operating costs, non-operating items, reinvestment and financing. The key issue is not whether each line rises, but whether incremental revenue produces an acceptable incremental return after the resources required to generate it.

ECONOMICS OF THE REVENUE ENGINE

The analytical segment map assigns 60.0% of current revenue to Data-center demand, 25.0% to Accelerated computing and 15.0% to Core platform. These are explicit Northstar allocations rather than company-reported segment guidance. They force the underwriting to distinguish the mature engine from faster-growing optionality and to recognize that mix can alter consolidated margins even when total growth is unchanged.

REINVESTMENT TEST

Reinvestment creates value only when the expected return exceeds the 9.5% modeled WACC. For NVDA, evidence should connect spending on data-center demand to retention, price, volume or unit-cost improvement, then to free cash flow. Spending that supports revenue but repeatedly depresses conversion may still be strategic, but the valuation should recognize a longer payback and a wider range of outcomes.

HOW REPORTED PERFORMANCE BECOMES EXPLICIT ESTIMATES

Forecast architecture

OBSERVED PRICE USD 217.44 dated market input	BASE DCF USD 103.66 Northstar estimate	REVENUE GROWTH 65.5% latest reported	FCF MARGIN 44.8% normalized input
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FROM REPORTED GROWTH TO FORECAST GROWTH

The first forecast year uses 21.5% growth, blending NVDA's 65.5% latest reported change with the 11.0% sector anchor. Growth then converges toward the 2.5% terminal rate rather than remaining fixed. This creates an explicit fade period and avoids the common error of applying a near-term operating rate indefinitely.

FROM REVENUE TO CASH

Forecast free cash flow equals forecast revenue multiplied by the stated conversion margin. The base begins at 44.8%, bear reduces it by 400 basis points and bull increases it by 400 basis points, subject to disclosed bounds. That formulation makes the source of value visible: an assumption about sales alone cannot increase value unless it also produces cash after the costs and investment needed to support the sales.

FROM CASH TO PER-SHARE VALUE

Each annual cash flow is discounted at a 9.5% base WACC. The terminal value applies a 2.5% perpetual growth rate to Year 5 cash flow and is discounted to the present. The model then bridges to enterprise-to-equity value and divides by 24.51 billion diluted shares. The sequence is intentionally simple enough to audit and sensitive enough to expose where judgment enters.

THE BURDEN OF PROOF IMPLIED BY THE CURRENT PRICE

Reverse-DCF interpretation

OBSERVED PRICE USD 217.44 dated market input	BASE DCF USD 103.66 Northstar estimate	REVENUE GROWTH 65.5% latest reported	FCF MARGIN 44.8% normalized input
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THE IMPLIED REQUIREMENT

The reverse DCF solves for the starting five-year growth rate that reconciles the model with NVDA's USD 217.44 market price while holding the 44.8% free-cash-flow margin, 9.5% WACC and 2.5% terminal growth constant. The result is 50.1%. It is a price-implied assumption under a controlled setup, not a forecast of what the company will report.

COMPARING IMPLIED AND EXPLICIT VIEWS

Northstar's explicit base begins at 21.5%, compared with the reported 65.5% change. If implied growth exceeds both, the market is assigning value to persistence, margin improvement or optionality not captured in the base. If implied growth is lower, the price may reflect skepticism, balance-sheet risk or a shorter duration. The comparison tells the analyst where additional diligence has the highest payoff.

LIMITS OF THE SOLUTION

A reverse DCF changes one variable at a time even though real businesses change several. NVDA could justify the same price with lower growth and higher conversion, or higher growth and lower conversion. It could also warrant a different discount rate. The sensitivity and scenario pages therefore accompany the solved rate. The reverse result should be read as a burden-of-proof indicator, not as a single correct description of investor expectations.

COHERENT BEAR, BASE AND BULL OPERATING PATHS

Scenario narratives

OBSERVED PRICE USD 217.44 dated market input	BASE DCF USD 103.66 Northstar estimate	REVENUE GROWTH 65.5% latest reported	FCF MARGIN 44.8% normalized input
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BEAR CASE: IMPAIRED CONVERSION

The bear case starts growth at 16.5%, uses a 40.8% free-cash-flow margin and raises the WACC to 10.5%. That path is consistent with weaker data-center demand, adverse mix or heavier reinvestment. It yields USD 62.58 per share, or -71.2% relative to the dated price.

BASE CASE: EXECUTION WITH NORMALIZATION

The base case assumes 21.5% starting growth, 44.8% conversion and a 9.5% WACC. It allows NVDA to benefit from accelerated computing while fading toward mature economics. The USD 103.66 per-share result is -52.3% versus market. This is the central underwriting path because it balances company momentum with sector mean reversion rather than selecting the most favorable recent datapoint.

BULL CASE: STRONGER DURATION AND ECONOMICS

The bull case begins at 26.5% growth, expands the free-cash-flow margin to 48.8% and lowers the WACC to 8.5%. It requires tangible proof that margin sensitivity improves both duration and cash economics. The resulting USD 170.10 value, -21.8% versus price, describes an upside path rather than an automatic destination.

TIMING, ASYMMETRY AND OBSERVABLE EVIDENCE

Catalyst and risk synthesis

OBSERVED PRICE USD 217.44 dated market input	BASE DCF USD 103.66 Northstar estimate	REVENUE GROWTH 65.5% latest reported	FCF MARGIN 44.8% normalized input
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CATALYSTS WITH ANALYTICAL RELEVANCE

A catalyst matters only if it changes a modeled driver. For NVDA, evidence of stronger data-center demand can raise the revenue path; better accelerated computing can raise conversion; improved margin sensitivity can reduce uncertainty or extend duration. Announcements without a measurable link to these inputs may move price but do not by themselves change intrinsic value. The catalyst calendar should therefore record both the event and the assumption it could revise.

RISKS WITH VALUATION CONSEQUENCES

The principal downside is a simultaneous shortfall in growth and free cash flow, because that reduces explicit cash flows and the terminal base. A second risk is that reported economics depend on temporary price, mix, credit or working-capital benefits. A third is a higher required return caused by leverage, volatility, regulation or forecast error. These risks enter the model through distinct variables rather than through an unexplained valuation haircut.

ASYMMETRY AND TIMING

The modeled range from USD 62.58 to USD 170.10 is wide enough that timing and evidence quality matter. Near-term results should be judged against the operating thresholds, while valuation should be reconsidered only when the earnings path or risk changes. This separation prevents a price decline from being mistaken for thesis confirmation and prevents a price rise from substituting for fundamental proof.

ECONOMIC CONTRIBUTION BENEATH CONSOLIDATED RESULTS

Segment-by-segment interpretation

OBSERVED PRICE USD 217.44 dated market input	BASE DCF USD 103.66 Northstar estimate	REVENUE GROWTH 65.5% latest reported	FCF MARGIN 44.8% normalized input
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DATA-CENTER DEMAND: THE CORE ENGINE

Northstar allocates 60.0% of NVDA's current revenue, approximately \$129.6B, to Data-center demand. Its growth factor of 1.00 times the consolidated base makes it the largest contributor to forecast dollars, even if it is not the fastest-growing bucket. The key diligence issue is whether scale protects economics or masks maturity. Stable conversion here supports the valuation floor; deterioration would affect both near-term cash and terminal confidence.

ACCELERATED COMPUTING: MIX AND MONETIZATION

The Accelerated computing allocation represents 25.0%, or roughly \$54.0B, and grows at 1.25 times the consolidated base in the analytical model. This bucket can change mix faster than it changes total revenue. The underwriting should test whether its growth is additive, cannibalistic or subsidized by the core, and whether incremental gross profit survives customer acquisition, servicing and development costs.

CORE PLATFORM: OPTIONALITY WITH DISCIPLINE

The remaining 15.0%, approximately \$32.4B, is assigned to Core platform at a 0.85 growth factor. Optionality deserves value only when probability, timing and required investment are explicit. Northstar includes it in consolidated scenarios but does not apply a separate speculative premium. Evidence of adoption and improving unit economics can move this bucket toward the bull path; delay or poor conversion should move it toward the bear path.

WHAT THE RELATIVE VALUATION DOES AND DOES NOT IMPLY

Peer context and differentiation

OBSERVED PRICE USD 217.44 dated market input	BASE DCF USD 103.66 Northstar estimate	REVENUE GROWTH 65.5% latest reported	FCF MARGIN 44.8% normalized input
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RELATIVE VALUATION SNAPSHOT

NVDA trades at 24.4x on EV/revenue, while the calculated six-company peer median is 10.2x. The difference may reflect growth, margins, capital intensity, balance-sheet quality or business mix. It is not automatically mispricing. The peer table is most useful when the analyst can identify which operating distinction justifies the gap and whether that distinction is strengthening or weakening.

WHAT COMPARABLES CAN ANSWER

Peers provide a market reference for similar revenue or earnings streams and expose outlier assumptions. A premium is more defensible when NVDA combines stronger growth with equal or better conversion and lower risk. A discount can be warranted when growth is capital intensive, cyclicity is higher or the balance sheet constrains reinvestment. Because the selected peers are systematic same-sector scale matches, company-specific business-model differences remain an explicit limitation.

WHY DCF REMAINS NECESSARY

A peer multiple imports the market's assumptions without revealing them. The DCF independently translates 21.5% growth, 44.8% conversion and a 9.5% WACC into USD 103.66 per share. When peer and DCF references diverge, the analyst should investigate duration, cash conversion and balance-sheet treatment rather than selecting the higher result. Triangulation is a diagnostic process, not an averaging exercise.

SOURCE / Northstar interpretation of the adjacent cited financial history, dated market snapshot, explicit DCF assumptions and calculated peer set. Estimates are labeled and should be refreshed with new filings.

CASH CONVERSION, FINANCING AND REINVESTMENT DISCIPLINE

Capital allocation and earnings quality

OBSERVED PRICE USD 217.44 dated market input	BASE DCF USD 103.66 Northstar estimate	REVENUE GROWTH 65.5% latest reported	FCF MARGIN 44.8% normalized input
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EARNINGS-TO-CASH RECONCILIATION

NVDA reports \$120.1B of latest net income against \$96.7B of modeled free cash flow. The relationship is a first-pass quality check, not a complete cash-flow statement. Differences may reflect depreciation, stock compensation, working capital, capital expenditure, credit provisioning or normalization. Persistent divergence requires a company-specific reconciliation before the conversion margin is raised.

BALANCE-SHEET ROLE

Cash of \$62.6B and debt of \$11.0B affect flexibility, risk and the valuation bridge. For non-financial companies, Northstar moves from enterprise value to equity value by subtracting debt and adding cash. For financial companies, debt and cash are operating inputs and the report uses an equity DCF instead. In either case, balance-sheet capacity should not be counted twice as both lower risk and incremental value.

ALLOCATION SCORECARD

Management can reinvest, acquire, repay debt, repurchase shares or distribute cash. The correct choice depends on expected return relative to the 9.5% hurdle and on per-share value, not on the size of the announcement. For NVDA, the scorecard should track whether allocation improves data-center demand, protects accelerated computing or increases per-share free cash flow. Activity without an economic bridge should remain outside the base-case benefit.

COMPETITIVE PERSISTENCE AND TERMINAL-VALUE DISCIPLINE

Durability and long-term returns

OBSERVED PRICE USD 217.44 dated market input	BASE DCF USD 103.66 Northstar estimate	REVENUE GROWTH 65.5% latest reported	FCF MARGIN 44.8% normalized input
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DURATION OF COMPETITIVE ADVANTAGE

The long-term case depends less on the next reported quarter than on how long NVDA can earn attractive returns from data-center demand. Evidence of switching costs, scale economics, brand, regulation, distribution or proprietary capability can extend duration only if it appears in retention, pricing, share or margins. Competitive claims without measurable economics do not justify a higher terminal growth rate.

TERMINAL-VALUE DISCIPLINE

The base model uses 2.5% terminal growth and a 9.5% WACC. Those assumptions describe a mature business, not the current growth narrative. The forecast explicitly fades toward that state. Raising terminal growth would affect a large share of value and therefore requires evidence that the addressable market, competitive position and reinvestment runway can persist without increasing risk or depressing conversion.

LONG-RUN RETURN TEST

Durable value creation requires growth and returns on incremental capital, not growth alone. NVDA's 44.8% current free-cash-flow margin provides a starting point, while the scenario analysis tests a 400-basis-point range around it. The most important long-run question is whether accelerated computing lets the company sustain or improve that conversion as scale rises. If not, the appropriate response is a lower margin or shorter duration, not a more optimistic multiple.

Investment conclusion and open questions

OBSERVED PRICE USD 217.44 dated market input	BASE DCF USD 103.66 Northstar estimate	REVENUE GROWTH 65.5% latest reported	FCF MARGIN 44.8% normalized input
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SYNTHESIS

NVIDIA combines \$215.9B of revenue, 65.5% reported growth and a 44.8% free-cash-flow margin. Northstar's base converts those facts into USD 103.66 per share versus USD 217.44, while the reverse DCF shows an implied starting growth requirement of 50.1%. The conclusion is conditional: value depends on the durability of data-center demand and the conversion of that activity into per-share cash after reinvestment.

WHAT IS KNOWN AND UNCERTAIN

The dated market price, standardized reported history, diluted shares and disclosed model formulas are observable. Segment weights, forecast growth, normalized conversion, discount rate and terminal growth are estimates. The report labels those boundaries because apparent precision can exceed the evidence. The largest remaining uncertainties are the pace of accelerated computing, the economics of margin sensitivity and the stability of the conversion margin through a less favorable operating environment.

NEXT RESEARCH AGENDA

The next update should reconcile reported segment disclosures with the analytical allocation, rebuild cash conversion from filings, compare management guidance with the 21.5% Northstar path and refresh the peer set. It should also record whether the evidence thresholds moved the scenario probability or only the market price. Until those questions are answered, the bear/base/bull range is more decision-useful than a single target and the stated assumptions should remain visible.

LINKS, TIMESTAMPS AND AUTHORSHIP

Source register and limitations

01 Market price + 1Y chart

<https://finance.yahoo.com/quote/NVDA/chart/>

02 Annual fundamentals

<https://finance.yahoo.com/quote/NVDA/financials/>

03 SEC Companyfacts

<https://data.sec.gov/api/xbrl/companyfacts/CIK0001045810.json>

04 Peer snapshot

Same dated endpoints for: META, MSFT, GOOGL, DELL, AAPL, ACN

Method and review record

Prepared by Northstar Research Desk on 2026-08-20. Market snapshot: 2026-08-20T14:24:16+00:00. Calculations were regenerated from checked-in source data; unit, formula, page-count, duplicate-language and render checks are part of release QA. Standardized fields may differ from issuer-defined segments or non-GAAP measures. Foreign listings and ADR ratios require additional reconciliation.

Informational research only. Not personalized investment advice, a recommendation, or a guarantee. Verify current filings, market prices and assumptions before making a decision.