

AMD — Advanced Micro Devices, Inc. · Benchmark: SMH · As of: 2026-04-07

Advanced Micro Devices, Inc.

AMD · 2026-04-07

IDENTITY	
Market Cap	\$365.3B
Sector ETF	XLK
Subsector ETF	SMH

PERFORMANCE STATS

Last Price	\$224.53
Vol (23d ann.)	64.2%
Sharpe (63d)	0.34 · adequate
Max Drawdown	-27.8%
Res α Max DD	-14.0%

RANKINGS — Subsector cohort

Peer group: 57 stocks in SMH

Window	Gross return rank	Residual ER rank
1D	81st pct	75th pct
1M	82nd pct	86th pct
3M	33rd pct	39th pct
1Y	72nd pct	70th pct

RISK DECOMPOSITION — L3 ER

Market ER	+38.6%
Sector ER	+9.7%
Subsector ER	+2.1%
Residual ER	+49.6%

MACRO CORRELATIONS — L3 Res

VIX	—
Oil	—
Gold	—
Bitcoin	—
DXY	—
UST 10y-2y	—

METHODOLOGY — Hierarchical regression (ERM3)

L1 · L2 · L3 orthogonal layers

ERM3 uses three sequential regressions. Each stage explains the prior residual, so hedge ratios are incremental—not stacked betas on the same returns.

L1 (Market): stock vs broad market ETF (SPY) for baseline beta. L2 (Sector): L1 residual vs GICS sector ETF — sector-specific move vs the market. L3 (Subsector): L2 residual vs subsector ETF — finest systematic sleeve before idiosyncratic risk.

Sequential orthogonalization keeps hedge ratios stable and incremental, enabling precise multi-leg hedges without double-counting factor exposures.

Factor set: SPY_unl_mc_3000 · Universe ~3,000 US equities (market-cap cohort)

Learn more [riskmodels.app/docs/l3-decomposition](#)

AMD delivered +136.2% total return over the past year, outperforming SPY by 117.9pp, driven largely by systematic factor exposure (50% of risk).

Idiosyncratic alpha contributed +49.6% ann. residual ER but ranks below-average on a risk-adjusted basis among SMH peers.

I. Cumulative Returns

AMD returned +136.2% vs SPY +18.3% (+117.9pp) and SMH +85.2% (+51.0pp) over the past 252 trading days ending 2026-04-07. Ranks 72th pct (top third of 57 vs subsector peers).



II. L3 Residual Alpha Quality

AMD generated +49.6% annualized L3 residual return at 45.2% residual volatility —



III. Subsector Risk DNA

AMD's 64.2% vol splits 50% systematic / 50% idiosyncratic.

