

## AI Sector Themes – Weekly Update & Basket Performance

46 Libella AI thematic baskets • Equal-weighted USD price returns • 1D / 5D / 1M / 3M / YTD / 1YR

Data to 16 October 2026 close | Sources, methodology and currency qualifications on pages 2–3

| PRICES AS OF           | MEDIAN 5-DAY    | POSITIVE 5-DAY      | MEDIAN 1-MONTH          |
|------------------------|-----------------|---------------------|-------------------------|
| <b>16 OCT</b>          | <b>-11.8%</b>   | <b>3 / 42</b>       | <b>-5.2%</b>            |
| latest completed close | 1D median -3.8% | 42 baskets analysed | 6 / 42 baskets positive |

### CROSS-ASSET REGIME | POSITIONING AND FINANCING UNDER PRESSURE

**Nasdaq:** down **~4%** on the week as selling in AI and semiconductors broadened from optical and memory leaders into servers, equipment and data-centre infrastructure. Only **3 of 42** Libella baskets advanced (median 5D **-11.8%**). Crowded options exposure, circular AI funding commitments and rising capex demands have heightened valuation risk, while institutional investors rotated toward value and defensive candidates.

### WEEK IN BRIEF

- **China chips.** Nvidia, Micron and AMD face rising competitive pressure as domestic Chinese semiconductor suppliers advance.
- **Breadth.** Only 3 of 42 baskets gained 5D.
- **Rotation.** Capital moved from AI hardware toward automation and software: AIEURSOFT +6.6%, BPAUTO +2.7% and WFAUTO +1.7% 5D.
- **Memory.** AIMEM -18.0% 5D; selling spread across optical and AI infrastructure.

### POSITIONING

- **Institutional selling:** Goldman Prime flows signal AI de-risking, with long exposure elevated.
- **Options:** AI upside call demand supports call skew; CTA selling remains a risk.
- **Preference:** funded AI contracts, free cash flow and robust balance sheets.

### COMPLEX SNAPSHOT

|            |                       |
|------------|-----------------------|
| Median YTD | <b>+39.1%</b>         |
| Best YTD   | <b>AIEDGE +150.2%</b> |
| Worst YTD  | <b>BPAUTO -21.4%</b>  |
| Best 1YR   | <b>AIEDGE +209.6%</b> |
| RSI-14D†   | <b>Median 36.4</b>    |

### WEEKLY MOVERS — TOP 5 (5D)

| BASKET    | THEME                                 | 5D           | YTD           |
|-----------|---------------------------------------|--------------|---------------|
| AIEURSOFT | Europe AI Software                    | <b>+6.6%</b> | <b>-9.3%</b>  |
| BPAUTO    | AI Business Process Automation        | <b>+2.7%</b> | <b>-21.4%</b> |
| WFAUTO    | AI Workforce / Back-Office Automation | <b>+1.7%</b> | <b>-13.2%</b> |
| DGTWIN    | AI Construction / Digital Twins       | <b>-0.2%</b> | <b>-6.9%</b>  |
| AICLOTEC  | Cloud / Telecom                       | <b>-0.9%</b> | <b>-0.6%</b>  |

### WEEKLY MOVERS — BOTTOM 5 (5D)

| BASKET  | THEME                                | 5D            | YTD            |
|---------|--------------------------------------|---------------|----------------|
| AIOFCM  | AI US Optical & Fiber Infrastructure | <b>-27.0%</b> | <b>+77.2%</b>  |
| AISPEQ  | AI Specialist Process Equipment      | <b>-24.4%</b> | <b>+61.3%</b>  |
| AISERV  | Servers / HPC                        | <b>-24.1%</b> | <b>+132.1%</b> |
| SUBSYS  | Semiconductor Subsystems & Materials | <b>-23.9%</b> | <b>+98.2%</b>  |
| SEMISUP | Semi Equipment / AI Supply Chain     | <b>-20.2%</b> | <b>+60.7%</b>  |

### THEMATIC READ-THROUGH

- **Optical / fiber:** AIOFCM -27.0% 5D; prior leadership has reversed sharply.
- **Compute / networking:** AISERV -24.1% 5D; AINETINF -14.3% 5D.
- **Memory:** AIMEM -18.0% 5D; sharp retracement within large YTD gains.
- **Software:** AIEURSOFT +6.6% 5D; AISOFTW -12.2% 5D. Resilience is selective.
- **Infrastructure:** power and cooling face execution and financing risks.

### LIBELLA PORTFOLIO READ-THROUGH

Prefer funded demand, contracted capacity, free cash flow and resilient financing; monitor contagion beyond optical, memory and servers. Catalysts: mega-cap earnings, construction and AI safety rules.

## LIBELLA — AI SECTOR THEMES AND BASKETS

## 46-BASKET PERFORMANCE SUMMARY | LATEST AVAILABLE CLOSE TO 16 OCTOBER 2026

Equal-weighted constituent USD price returns; non-USD listings use matched exact-date ECB FX. Five-session and rolling-month windows follow each listing's trading calendar. Data are unaudited.

| #  | Group     | Theme                                            | N | 1D    | 5D     | 1M     | 3M     | YTD     | 1YR     | RSI† |
|----|-----------|--------------------------------------------------|---|-------|--------|--------|--------|---------|---------|------|
| 1  | AIFOUNF   | Foundries                                        | 3 | -3.9% | -8.6%  | -7.1%  | -5.9%  | +73.9%  | +79.8%  | 37.8 |
| 2  | USEMIF    | US Foundries & Semi Manufacturing                | 4 | -4.2% | -8.6%  | -4.6%  | -6.6%  | +111.1% | +142.6% | 39.6 |
| 3  | AIMEM     | Memory                                           | 5 | -2.9% | -18.0% | -19.5% | -15.7% | +127.9% | +202.9% | 29.2 |
| 4  | AICCPSEM  | China Compute & Semiconductor                    | 5 | —     | —      | —      | —      | —       | —       | —    |
| 5  | AISERV    | Servers / HPC                                    | 3 | -6.8% | -24.1% | -18.2% | +24.9% | +132.1% | +100.8% | 33.6 |
| 6  | AIDATAINF | AI Software & Data Infrastructure                | 3 | -3.3% | -3.0%  | -1.7%  | +4.9%  | -14.5%  | -19.5%  | 49.8 |
| 7  | AISOFTW   | AI Software                                      | 5 | -7.4% | -12.2% | -4.0%  | +10.8% | +17.0%  | +16.8%  | 41.5 |
| 8  | AICLOTEC  | Cloud / Telecom                                  | 6 | -1.7% | -0.9%  | -4.3%  | +7.3%  | -0.6%   | -0.5%   | 45.2 |
| 9  | AIEDGE    | Edge Storage / Memory Controllers                | 4 | -6.4% | -16.7% | -14.4% | -8.5%  | +150.2% | +209.6% | 31.5 |
| 10 | AIESEMI   | Europe Semiconductor Equipment                   | 4 | -1.0% | -10.4% | -4.0%  | -18.8% | +39.6%  | +43.1%  | 36.0 |
| 11 | AIENF     | Europe AI Infrastructure                         | 6 | -1.6% | -8.5%  | -8.1%  | -13.4% | +26.2%  | +27.3%  | 37.2 |
| 12 | AIEURSOFT | Europe AI Software                               | 4 | +0.4% | +6.6%  | +9.9%  | +33.6% | -9.3%   | -19.4%  | 70.2 |
| 13 | SEMIUSC   | SEMI US CAPEX                                    | 6 | -5.1% | -19.3% | -3.7%  | -16.2% | +48.7%  | +73.6%  | 31.3 |
| 16 | SEMIANGL  | Semi Analog US                                   | 5 | -1.8% | -5.4%  | +5.9%  | -6.1%  | +37.5%  | +37.6%  | 44.2 |
| 17 | AINETINF  | AI Networking Infrastructure                     | 6 | -4.1% | -14.3% | -6.1%  | +5.7%  | +63.6%  | +65.1%  | 36.7 |
| 18 | AICOFACC  | AI US Compute & Accelerators                     | 3 | -4.4% | -11.3% | -7.6%  | +1.0%  | +101.7% | +95.7%  | 35.6 |
| 19 | AISERENT  | AI US Services & Enterprise                      | 5 | -5.0% | -3.8%  | -2.9%  | +24.7% | -13.5%  | -19.3%  | 48.0 |
| 20 | AIOFCM    | AI US Optical & Fiber Infrastructure             | 4 | -7.2% | -27.0% | -13.8% | -12.4% | +77.2%  | +185.8% | 35.8 |
| 21 | AIDATAC   | Data Centre Connectivity & Custom Silicon        | 3 | -3.8% | -11.0% | -4.4%  | +3.0%  | +59.3%  | +56.3%  | 36.6 |
| 22 | AISEMILD  | AI US Semi Equipment Leaders                     | 4 | -5.0% | -17.8% | -3.5%  | -14.7% | +54.4%  | +87.3%  | 30.9 |
| 23 | AISPEQ    | AI Specialist Process Equipment                  | 5 | -6.8% | -24.4% | -12.2% | -30.8% | +61.3%  | +63.5%  | 28.7 |
| 24 | AIPACK    | AI US Packaging / HBM Enablers                   | 6 | -5.4% | -20.0% | -5.6%  | -13.5% | +63.7%  | +101.6% | 31.4 |
| 25 | SEMI SUP  | Semi Equipment / AI Supply Chain                 | 8 | -5.7% | -20.2% | -4.9%  | -17.9% | +60.7%  | +72.5%  | 31.3 |
| 26 | PHOTOMASK | Photomasks / Lithography Supply Chain            | 3 | -3.2% | -10.0% | -1.6%  | -10.2% | +25.3%  | +43.2%  | 34.3 |
| 27 | SUBSYS    | Semiconductor Subsystems & Materials             | 3 | -8.0% | -23.9% | -14.0% | -30.1% | +98.2%  | +71.5%  | 29.1 |
| 28 | STEST     | Semiconductor Test                               | 3 | —     | —      | —      | —      | —       | —       | —    |
| 29 | ADVPCCK   | Advanced Packaging                               | 4 | -4.9% | -18.0% | -8.4%  | -25.1% | +45.8%  | +61.0%  | 30.4 |
| 30 | HBMEM     | HBM / AI Memory                                  | 7 | -2.9% | -17.3% | -12.2% | -15.5% | +89.4%  | +140.3% | 31.0 |
| 31 | AIINF     | AI Edge / Inference                              | 3 | -2.1% | -8.4%  | -7.6%  | -14.9% | +6.3%   | +2.9%   | 35.2 |
| 32 | INDAUT    | AI Industrial Automation                         | 4 | -2.7% | -8.8%  | +7.0%  | +12.3% | +26.2%  | +30.4%  | 49.7 |
| 33 | ROBOTMV   | AI Robotics / Machine Vision                     | 4 | -3.4% | -12.8% | -10.0% | -7.0%  | +17.6%  | +19.2%  | 37.0 |
| 34 | AICYBER   | AI Cybersecurity                                 | 3 | -5.5% | -12.2% | -0.7%  | +5.0%  | +28.3%  | +8.5%   | 47.1 |
| 35 | BPAUTO    | AI Business Process Automation                   | 4 | -2.1% | +2.7%  | -0.2%  | +15.2% | -21.4%  | -20.3%  | 55.0 |
| 36 | WFAUTO    | AI Workforce / Back-Office Automation            | 3 | -2.7% | +1.7%  | +0.2%  | +25.2% | -13.2%  | -12.0%  | 55.9 |
| 37 | DGTWIN    | AI Construction / Digital Twins                  | 3 | -1.6% | -0.2%  | +20.0% | +25.2% | -6.9%   | -19.3%  | 62.9 |
| 38 | DCPWR     | AI Data-Centre Power / Electrical                | 4 | -2.3% | -9.3%  | -3.1%  | -9.2%  | +25.9%  | +18.0%  | 37.3 |
| 39 | DCCOOL    | AI Data-Centre Cooling / Thermal                 | 3 | -2.9% | -13.5% | -10.3% | -19.8% | +20.1%  | +14.0%  | 33.2 |
| 40 | DCBLD     | AI Data-Centre Buildout                          | 4 | -2.8% | -12.6% | -6.3%  | -12.0% | +38.5%  | +34.1%  | 34.1 |
| 41 | PWRGEN    | AI Power Generation / Grid                       | 4 | -1.5% | -8.0%  | +1.1%  | -3.5%  | +8.7%   | -0.5%   | 43.6 |
| 42 | ETHNET    | AI Ethernet Networking                           | 4 | -4.2% | -13.5% | -6.1%  | +1.3%  | +59.4%  | +56.9%  | 36.3 |
| 43 | ASIC      | AI Custom ASIC / Silicon                         | 2 | -5.0% | -13.2% | -5.4%  | +1.9%  | +81.5%  | +75.5%  | 36.2 |
| 44 | AISTOR    | AI Storage                                       | 4 | -6.3% | -15.9% | -12.2% | -6.1%  | +130.7% | +187.7% | 33.0 |
| 45 | AUTOWIN   | AI Automation Winners - Russell 2000 / Small Cap | 5 | -3.7% | -10.7% | -5.7%  | -5.4%  | +7.9%   | -2.4%   | 40.2 |
| 46 | PRODLAB   | AI Productivity / Labour Replacement             | 3 | -2.7% | -3.8%  | -2.2%  | +10.5% | +7.2%   | -1.1%   | 50.1 |

## LIBELLA WATCH

## WHAT WE ARE MONITORING

- Institutional deleveraging versus retail risk appetite
- Optical and memory reversals
- Selective software strength

Goldman Prime: 5 selling days • options ~\$700bn / day  
AIOFCM -27.0% • AIMEM -18.0% (5D)  
AIEURSOFT +6.6% • AISOFTW -12.2% (5D)

Five-session windows may differ across exchanges; overlapping baskets are not independent portfolio exposures.

## DATA CONTROLS / INTERPRETATION

- **Coverage:** four Asia-linked baskets are excluded pending data validation (AICCPSEM and STEST shown blank; SEMIXC and ROBOTM omitted).
- **Methodology:** equal-weighted USD closes; non-USD listings converted at exact-date ECB FX. Summary metrics use the 42 complete baskets.
- † **RSI(14):** 14-day RSI for the 42 complete baskets as at 16 October. Red below 30 (oversold); green above 50.

# AI & Macro Positioning – Institutional Unwind and Retail Risk

Institutional flows, options activity and AI positioning • Closing market data through 16 October 2026

## GOLDMAN PRIME BOOK

AI net buying turns to selling

**5** selling days

After sustained buying since early 2025

## US EQUITY OPTIONS

Single-stock notional turnover

**~\$700bn / day**

All US single stocks; not an AI-only series

## LIBELLA BREADTH

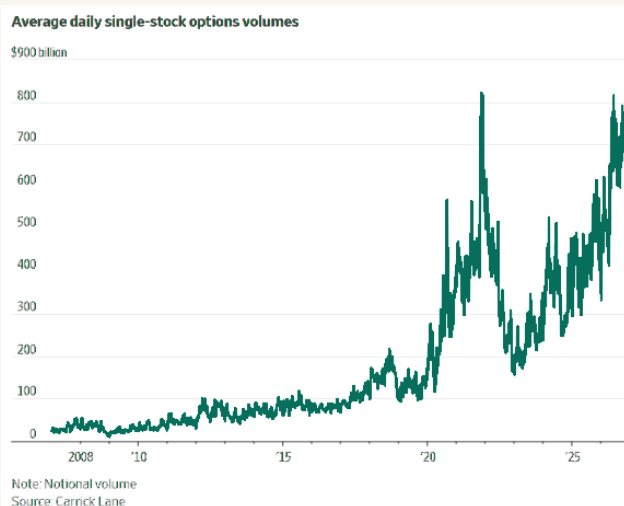
Baskets declining over 5 sessions

**39 / 42** 5D decline

Median 5D -11.8% • 42 baskets analysed

## OPTIONS ACTIVITY | SINGLE-STOCK NOTIONAL VOLUME

### AVERAGE DAILY SINGLE-STOCK OPTIONS VOLUME • NOTIONAL, USD



Source: Carrick Lane / WSJ excerpt; average daily single-stock option volume. Not an AI-specific retail series.

### OPTIONS & SYSTEMATIC FLOWS

US single-stock options notional turnover is elevated, but is not an AI-only series.

AI upside call demand can sustain positive call skew even during institutional selling.

Crowded exposure and trend-following CTA selling could amplify further drawdowns.

## POSITIONING INTERPRETATION | WHERE THE RISK SITS

### 01

#### INSTITUTIONAL POSITIONING

Goldman Prime AI long exposure remains near the 83rd percentile of its three-year range. Further unwinds may add volatility.

### 02

#### AI OPTIONS & UPSIDE SKEW

AI upside calls support positive skew. Crowded positioning and potential CTA selling raise downside reversal risk.

### 03

#### AI PORTFOLIO BIAS

Favour funded demand, contracted capacity, free-cash-flow conversion and strong balance sheets.

## SOURCE, COMPARABILITY & REDISTRIBUTION NOTES

**Sources:** EODHD/ECB close snapshot (16 Oct), Goldman Prime commentary and WSJ/Carrick Lane. External positioning commentary is attributed; company guidance not independently verified.

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