

FOR YOU / HIGHLIGHTS • EDITOR'S LETTER

Team compute budgets and a robot's sense of touch

Claude Code gives administrators a way to budget across a team. In a robotics lab, tactile tools let researchers measure what touch adds beyond vision. We also examine who can ride Guangzhou robotaxis, how California proposes to connect large loads, and two often-confused measures of demand in the compute supply chain.

Team budgets can be tested and tactile gains can be replicated. Rack deliveries and grid connections each have a further milestone to verify.

A shared budget for coding teams

A group pool supplements individual caps, and gateway policy now checks every model named in a request.

[Anthropic](#) • [Claude Code 2.1.316 release notes](#)

What does touch add when a robot swaps tools?

Touch improved success by 15–25 percentage points over images alone on the contact skills tested by the researchers.

[Research team](#) • [SwapBot preprint v1](#)

How much AI demand has reached sales?

Victory Giant discloses a nine-month AI revenue share and quarterly company-wide sales, two measures covering different periods.

[Victory Giant Technology](#) • [October 29 investor call record](#)

01 / AI companies

2026-10-31 • New

Claude Code's gateway adds a shared monthly budget

Anthropic's 2.1.316 stable release lets gateway administrators set a monthly pool shared by a group alongside individual limits. It also fixes a policy gap: when a request names several models, the gateway now checks each one and rejects a request that names a blocked model.

For teams rolling out coding assistants, a personal cap controls one user's spend, while a pool limits the group's exposure. Administrators can test enforcement after upgrading by including a blocked model in a multi-model request.

[Anthropic](#) • [Claude Code 2.1.316 release notes](#)

Oct 27 UTC / Oct 28 Beijing • Seven-day watch

Mol-1 releases base weights for local structure prediction

Molence Bio provides base weights, inference examples and a fine-tuning workflow for Mol-1. The repository covers structure prediction for complexes including proteins and ligands, with memory settings for different input sizes.

A lab can first test the predictions on its own known structures before spending compute on fine-tuning. The authors report near-quadratic memory growth with input length, so a large complex needs its own resource estimate.

[Molence Bio](#) • [Mol-1 code and model documentation](#)

[Molence Bio](#) • [initial release commit](#)

02 / AI product tracker

Product	Version / date	Changes and sources
Claude Code	2.1.316 2026-10-31 New this issue • stable	New stable release. Adds group gateway budgets and a configurable default effort for subagents. Fixes policy checks on multi-model requests. Anthropic • Claude Code 2.1.316 release notes
Codex CLI	0.166.0 2026-10-30 Recent version • stable	Recent stable baseline. Adds keyboard selection in transcripts and a way to resume unloaded threads after queuing a message. Previously tracked. Codex CLI release notes

03 / AI chips

2026-10-27 • Seven-day watch

Lam and imec add dry resist to their 3D integration research

Lam Research and imec expanded joint work on manufacturing processes for 3D integration. The collaboration now includes exploring Aether dry resist for high-numerical-aperture EUV patterning, with future logic, memory and heterogeneous integration in scope.

Accelerators that depend on high-bandwidth memory face limits in packaging interconnects as well as patterning. The announcement identifies processes the partners intend to test. Customer-line yields and a production schedule remain undisclosed.

[Lam Research](#) • [expanded joint research with imec](#)

04 / Embodied AI

Oct 29 UTC / Oct 30 Beijing • Past 72 hours

SwapBot tests how touch changes a robot's handling of kitchen tools

Researchers fitted low-cost tool adapters with tactile sensors so a robot arm could swap kitchen implements. They trained imitation policies from teleoperated demonstrations. On the contact-rich skills tested, the authors report success rates 15 to 25 percentage points higher with touch than with RGB alone.

The comparison helps engineers decide whether touch hardware is worth adding for tasks such as cutting, brushing or flipping food. The gain was measured on the study's tools and tasks; different implements, loads or surroundings need new tests.

[Research team](#) • [SwapBot preprint v1](#)

2026-10-26 • Seven-day watch

XPeng gets Guangzhou L4 demonstration approval, with invitation access first

XPeng says it obtained approval to conduct L4 robotaxi demonstration operations across Guangzhou. It plans to open rides gradually by invitation and expand the service area as operations progress.

The permit defines where demonstration operations are allowed. Where and when a passenger can actually get a ride still depends on pickup points, dispatch and fleet availability.

[XPeng](#) • [Guangzhou demonstration-service announcement](#)

05 / Infrastructure

2026-10-28 • Seven-day watch

Jülich's sparse-computing rack targets work triggered by changes in data

Sparxity, formerly SpiNNcloud, announced a sparse-computing rack deployment at Germany's Jülich Supercomputing Centre for sparse machine-learning models and large scientific simulations. Its event-driven architecture can skip computation when no corresponding event occurs.

For a computing center's users, the question is how much work their model can skip and whether the saving outweighs data movement. The announcement identifies a host and workloads but gives no external booking date or independent energy comparison for those workloads.

[Sparxity](#) • [Jülich rack deployment announcement](#)

06 / Policy

2026-10-30 • Past 72 hours

California grid operator adds ride-through provisions to revised large-load draft

The California ISO posted a second revised draft tariff on October 30, adding ride-through provisions from its large-load technical working group. Its board approved the proposal on October 28. The proceeding lists November 16 for the filing with the Federal Energy Regulatory Commission.

A data center's connection plan must address how its load behaves during a grid disturbance. Design teams can use the draft to plan tests; binding obligations depend on the filing and regulatory action.

[California ISO • large-loads stakeholder proceeding](#)

07 / Business

2026-10-29 • Past 72 hours

Victory Giant says AI accounted for about 40% of nine-month revenue

Victory Giant Technology said AI-related sales represented about 40% of revenue in the first nine months. Total company revenue in the third quarter was RMB 6.831 billion, up 34.30% year over year.

Management attributed the increase in networking business mainly to higher volume of products for 1.6T optical modules from its mSAP workshop.

The figures cover different periods, so the nine-month share cannot establish quarterly AI revenue. Management linked higher inventory to materials secured for orders and longer production cycles. Deliveries and recognized revenue will show how those orders convert.

[Victory Giant Technology • October 29 investor call record](#)

Oct 28 EDT / Oct 29 Beijing • Seven-day watch

Equinix posts \$533 million in annualized gross bookings as capacity delivery matters

Equinix reported third-quarter annualized gross bookings of \$533 million, up 35% year over year. It now plans to deliver nearly 40% more cabinets this year than it initially expected.

Bookings annualize recurring revenue attached to contracts, while the cabinet figure describes a delivery plan. To assess when demand can turn into recognized sales, watch customer start dates and whether power and cabinets are ready on time.

[Equinix • third-quarter results](#)

08 / AI markets

Weekend memory-stock check: four names fell, with nearly 11 points between declines

At the October 30 close, Sandisk fell 13.47%, SK hynix 7.08%, Micron 5.30% and CXMT 2.50%. In the Hong Kong watchlist, Tencent, Alibaba and Baidu rose 1.59%, 0.99% and 0.20%, respectively, while SMIC and SenseTime declined.

Sunday, November 1 uses the latest completed session. The markets close at different times. All 30 names have prices and percentage changes in their original USD, CNY, HKD or KRW. Closing figures are attributed excerpts from Stock Analysis. The watchlist is not a sector index.

Memory

Company / ticker	Market / FX	Close	Change	Session / source
Micron / MU	US / USD	884.74	-5.30%	2026-10-30 Micron close • Stock Analysis
Sandisk / SNDK	US / USD	1,150.89	-13.47%	2026-10-30 Sandisk close • Stock Analysis
SK hynix / 000660	KR / KRW	1,418,000	-7.08%	2026-10-30 SK hynix close • Stock Analysis
Samsung Electronics / 005930	KR / KRW	225,000	-3.02%	2026-10-30 Samsung Electronics close • Stock Analysis
CXMT / 688825	CN / CNY	41.80	-2.50%	2026-10-30 CXMT close • Stock Analysis

Storage and components

Company / ticker	Market / FX	Close	Change	Session / source
Western Digital / WDC	US / USD	366.11	-7.41%	2026-10-30 Western Digital close • Stock Analysis
Seagate / STX	US / USD	644.58	-7.98%	2026-10-30 Seagate close • Stock Analysis
Montage Technology / 688008	CN / CNY	158.30	-5.09%	2026-10-30 Montage Technology close • Stock Analysis
GigaDevice / 603986	CN / CNY	257.80	-6.59%	2026-10-30 GigaDevice close • Stock Analysis
Longsys / 301308	CN / CNY	212.17	-4.22%	2026-10-30 Longsys close • Stock Analysis
BIWIN / 688525	CN / CNY	130.77	-5.31%	2026-10-30 BIWIN close • Stock Analysis

Compute and manufacturing

Company / ticker	Market / FX	Close	Change	Session / source
Broadcom / AVGO	US / USD	326.08	-5.48%	2026-10-30 Broadcom close • Stock Analysis
TSMC ADR / TSM	US / USD	406.13	-5.95%	2026-10-30 TSMC ADR close • Stock Analysis
NVIDIA / NVDA	US / USD	204.64	-4.22%	2026-10-30 NVIDIA close • Stock Analysis
AMD / AMD	US / USD	504.80	-10.88%	2026-10-30 AMD close • Stock Analysis
Intel / INTC	US / USD	65.76	-28.58%	2026-10-30 Intel close • Stock Analysis
Cambricon / 688256	CN / CNY	880.00	-3.61%	2026-10-30 Cambricon close • Stock Analysis
Hygon / 688041	CN / CNY	170.20	-8.44%	2026-10-30 Hygon close • Stock Analysis
SMIC / 00981	HK / HKD	42.98	-4.40%	2026-10-30 SMIC close • Stock Analysis

Networking, power and cooling

Company / ticker	Market / FX	Close	Change	Session / source
Arista Networks / ANET	US / USD	168.86	-8.34%	2026-10-30 Arista Networks close • Stock Analysis
Vertiv / VRT	US / USD	232.50	-5.46%	2026-10-30 Vertiv close • Stock Analysis

Platforms and applications

Company / ticker	Market / FX	Close	Change	Session / source
Microsoft / MSFT	US / USD	521.91	-1.55%	2026-10-30 Microsoft close • Stock Analysis
Alphabet / GOOGL	US / USD	279.84	-1.40%	2026-10-30 Alphabet close • Stock Analysis
Meta / META	US / USD	614.99	-1.53%	2026-10-30 Meta close • Stock Analysis
Amazon / AMZN	US / USD	240.35	-1.41%	2026-10-30 Amazon close • Stock Analysis
iFlytek / 002230	CN / CNY	36.24	-3.36%	2026-10-30 iFlytek close • Stock Analysis
Baidu / 09888	HK / HKD	75.70	+0.20%	2026-10-30 Baidu close • Stock Analysis
Alibaba / 09988	HK / HKD	97.05	+0.99%	2026-10-30 Alibaba close • Stock Analysis
Tencent / 00700	HK / HKD	383.60	+1.59%	2026-10-30 Tencent close • Stock Analysis
SenseTime / 00020	HK / HKD	1.11	-4.33%	2026-10-30 SenseTime close • Stock Analysis

Next watch the pickup area opened in Guangzhou, user results on the Jülich rack and the tariff language California's grid operator ultimately files.