FOR YOU / HIGHLIGHTS • EDITOR’S LETTER

AI Daily | Model access, physical tests and infrastructure

This issue covers previously unreported recent developments and dated seven-day observations. It examines usable model access, physical tests and the conditions still needed for delivery.

Hosted access, downloadable weights and production deployment are different milestones; check the scope before adoption.

Base weights need further training

Baidu releases a base checkpoint; licensing and further training still matter.

Baidu: ERNIE 5.5 Flash Base

Simulation skills meet physical tests

The bounded block task succeeded in 15 of 30 trials.

Ai2: ToyBlocks robot research environment

Suspension extension awaits effect

The posted rule takes effect November 9, extending the stay through January 10.

BIS: affiliates-rule suspension extension

01 / AI companies

2026-11-05 • Seven-day watch

Baidu releases ERNIE 5.5 Flash Base weights

Baidu released a base model with 280 billion total parameters and 14 billion active per token. FP8 and BF16 weights use a custom ERNIE license.

It is intended for further training and has not undergone mid-training or post-training. Deployment decisions need to account for licensing and additional training, rather than treating the checkpoint as a finished chat product.

Baidu: ERNIE 5.5 Flash Base

2026-11-04 • Seven-day watch

Tencent Hy4 is available; weights remain a separate milestone

Tencent says Hy4 is available in products including TokenHub, WorkBuddy and CodeBuddy, with visual understanding and computer-use capabilities. Its announcement separately promises weights and system cards in the following days.

Teams can evaluate the hosted offering; local deployment still needs downloadable weights and verified terms. The reported performance comparisons are largely vendor-organized evaluations, not independent replications.

Tencent: Hy4 launch

2026-11-05 • Seven-day watch

Inkling 2 Small launches hosted access ahead of weights

Thinking Machines released Inkling 2 Small for inference and fine-tuning on Tinker. It accepts text and images, with 594 billion total parameters and 17 billion active.

The company plans Apache 2.0 weights the following week after external safety testing and red-teaming. Hosted access does not establish downloadable availability, and the model does not accept audio.

Thinking Machines: Inkling 2 Small

02 / AI product tracker

Product	Version / date	Changes and sources
ERNIE 5.5 Flash Base	FP8 / BF16 2026-11-05 Recent version • stable	Recent verified release: base weights under a custom license; the post-trained edition is still forthcoming. Baidu: ERNIE 5.5 Flash Base
Hy4	Hy4 hosted 2026-11-04 Recent version • stable	Recent verified release: hosted access is available; downloadable weights remain a separate promised release. Tencent: Hy4 launch
Inkling 2 Small	Downloadable weights 2026-11-05 Recent version • announced	Recent verified announcement: downloadable weights await external safety testing; Tinker inference and fine-tuning are available. Thinking Machines: Inkling 2 Small
Claude Code	2.1.319 2026-11-07 Recent version • stable	Previously covered version: adds background MCP tasks; retained as a verified baseline, not another news story. Claude Code official releases

03 / AI chips

2026-11-06 • Recent development

NVIDIA explains a tiered memory design for agents

NVIDIA explains how model weights and KV caches compete for HBM. Dynamo software coordinates GPU memory, CPU memory and CMX storage, moving temporarily inactive context out of scarce GPU memory.

The explanation helps clarify why long-running sessions depend on both memory capacity and interconnect speed. This is an architecture discussion, not a chip launch; actual throughput depends on workloads, cache hits and configuration.

NVIDIA: memory and full-stack co-design

04 / Embodied AI

2026-11-06 • Recent development

ToyBlocks separates robot planning from physical control

Ai2 introduced ToyBlocks, a tabletop robotics research environment using simulated demonstrations. In a constrained physical block task, a Molmo2–ManiFlow combination succeeded in 15 of 30 trials.

The Franka tests used blocks seen in training and the easiest scenes, with visible upright characters. Safety interventions counted as failures. The 50% rate is specific to these tasks; new objects and complex workstations need further testing.

Ai2: ToyBlocks robot research environment

05 / Infrastructure

2026-11-07 • Recent development

Amazon Bedrock adds hosted Kimi K3.1 Pro access

AWS announced Kimi K3.1 Pro (Highspeed) on Bedrock, with explicit prompt caching and access through cross-Region inference.

This adds a model option within existing AWS governance. Teams still need to check routing, data residency and regional compatibility. The event is a new hosting route, not the underlying model's original release.

AWS: Kimi K3.1 Pro on Bedrock

AWS: official announcements feed

2026-11-02 • Seven-day watch

Envision reports an operating 800V DC data-center system

Envision's November 2 announcement says a solid-state-transformer system is powering live workloads at its Ulanqab Galaxy AI campus, converting 10kV AC to 800V DC and using storage to manage load changes.

The design matters for rack density and conversion losses. The campus's 3GW figure is a full-buildout plan, not operating capacity; the announcement does not provide an independent efficiency measurement.

Envision: 800V DC power deployment

06 / Policy

2026-11-06 • Recent development

BIS posts an extension of the affiliates-rule suspension

A BIS public-inspection document extends the suspension of expanded end-user controls for affiliates through January 10, 2027. Publication and effectiveness are scheduled for November 9.

Compliance teams should distinguish a posted document from an effective rule: November 9 is still ahead of this issue's cutoff. Extending this suspension does not remove other export controls.

BIS: affiliates-rule suspension extension

07 / Business

2026-11-05 • Seven-day watch

Dropbox agrees to buy Tigris for about $350 million cash

Dropbox announced the planned Tigris acquisition on November 5. Its filing says a definitive agreement was signed November 3 for approximately $350 million cash, subject to customary price adjustments.

Tigris's object storage supports Dropbox's move into AI infrastructure. Closing is expected in the fourth quarter, subject to conditions being satisfied or waived; additional filesystem and content-processing capabilities remain planned.

Dropbox: planned Tigris acquisition

Dropbox: Q3 2026 filing

08 / AI markets

US watchlist is mixed; most Asian names close lower

On November 6, 11 of 15 US names rose: AMD gained 11.04% and Micron 5.12%, while Microsoft fell 0.99%. All eight mainland names declined. Four Hong Kong names fell; SenseTime's change was unverified. SK hynix and Samsung fell 10.44% and 6.35%.

Each market uses its latest completed session, with different closing times. This fixed watchlist is not an industry index. Prices retain USD, CNY, HKD and KRW; all 30 prices were checked, while SenseTime's change remains blank. Limited excerpts are attributed to Stock Analysis and Seoul Economic Daily, without inferring causes.

Memory

Company / ticker	Market / FX	Close	Change	Session / source
Micron / MU	US / USD	690.00	+5.12%	2026-11-06 Stock Analysis: Micron closing history
Sandisk / SNDK	US / USD	835.06	+3.55%	2026-11-06 Stock Analysis: Sandisk closing history
SK hynix / 000660	KR / KRW	1,132,000	-10.44%	2026-11-06 Seoul Economic Daily: November 6 closes
Samsung Electronics / 005930	KR / KRW	188,700	-6.35%	2026-11-06 Seoul Economic Daily: November 6 closes
CXMT / 688825	CN / CNY	40.41	-4.98%	2026-11-06 Stock Analysis: CXMT closing history

Storage and components

Company / ticker	Market / FX	Close	Change	Session / source
Western Digital / WDC	US / USD	263.78	-1.44%	2026-11-06 Stock Analysis: Western Digital closing history
Seagate / STX	US / USD	460.99	-1.19%	2026-11-06 Stock Analysis: Seagate closing history
Montage Technology / 688008	CN / CNY	150.10	-8.36%	2026-11-06 Stock Analysis: Montage Technology closing history
GigaDevice / 603986	CN / CNY	239.49	-8.99%	2026-11-06 Stock Analysis: GigaDevice closing history
Longsys / 301308	CN / CNY	214.77	-4.87%	2026-11-06 Stock Analysis: Longsys closing history
BIWIN / 688525	CN / CNY	126.00	-5.90%	2026-11-06 Stock Analysis: BIWIN closing history

Compute and manufacturing

Company / ticker	Market / FX	Close	Change	Session / source
Broadcom / AVGO	US / USD	293.69	+0.74%	2026-11-06 Stock Analysis: Broadcom closing history
TSMC ADR / TSM	US / USD	375.44	+6.33%	2026-11-06 Stock Analysis: TSMC ADR closing history
NVIDIA / NVDA	US / USD	186.64	+2.78%	2026-11-06 Stock Analysis: NVIDIA closing history
AMD / AMD	US / USD	449.04	+11.04%	2026-11-06 Stock Analysis: AMD closing history
Intel / INTC	US / USD	56.28	+7.71%	2026-11-06 Stock Analysis: Intel closing history
Cambricon / 688256	CN / CNY	802.90	-4.98%	2026-11-06 Stock Analysis: Cambricon closing history
Hygon / 688041	CN / CNY	189.50	-1.71%	2026-11-06 Stock Analysis: Hygon closing history
SMIC / 00981	HK / HKD	45.58	-4.04%	2026-11-06 Stock Analysis: SMIC closing history

Networking, power and cooling

Company / ticker	Market / FX	Close	Change	Session / source
Arista Networks / ANET	US / USD	170.80	+7.31%	2026-11-06 Stock Analysis: Arista Networks closing history
Vertiv / VRT	US / USD	182.86	+3.47%	2026-11-06 Stock Analysis: Vertiv closing history

Platforms and applications

Company / ticker	Market / FX	Close	Change	Session / source
Microsoft / MSFT	US / USD	530.61	-0.99%	2026-11-06 Stock Analysis: Microsoft closing history
Alphabet / GOOGL	US / USD	284.78	+0.78%	2026-11-06 Stock Analysis: Alphabet closing history
Meta / META	US / USD	610.15	+0.84%	2026-11-06 Stock Analysis: Meta closing history
Amazon / AMZN	US / USD	259.30	-0.35%	2026-11-06 Stock Analysis: Amazon closing history
iFlytek / 002230	CN / CNY	38.25	-2.30%	2026-11-06 Stock Analysis: iFlytek closing history
Baidu / 09888	HK / HKD	78.20	-3.04%	2026-11-06 Stock Analysis: Baidu closing history
Alibaba / 09988	HK / HKD	104.90	-3.85%	2026-11-06 Stock Analysis: Alibaba closing history
Tencent / 00700	HK / HKD	419.80	-2.46%	2026-11-06 Stock Analysis: Tencent closing history
SenseTime / 00020	HK / HKD	1.16	—	2026-11-06 Stock Analysis: SenseTime closing history

Next milestones: actual weight releases, broader physical trials, regulatory effectiveness and acquisition closing.