FOR YOU / HIGHLIGHTS • EDITOR’S LETTER

After AI finds a kernel flaw, who verifies the fix?

OpenAI disclosed kernel test results and expanded access to a security model in US government cloud. AMD’s earnings show what data-center revenue includes.

Operators can check patch availability in their own distribution. Buyers of computing services should verify region and eligibility.

Linux patches await review

Candidate patches cover 948 flaws; operators should check their distribution.

OpenAI • Linux kernel study

AMD data-center sales rise 97%

The $8.5 billion segment includes EPYC and Instinct.

AMD • third-quarter earnings

01 / AI companies

November 4 • New

OpenAI generates patches for 948 Linux privilege-escalation flaws

OpenAI reported that an October test produced working local privilege-escalation exploits on a commonly used Linux distribution and distinct patches for 948 flaws. The team had sent maintainers hundreds of reports and patches by the announcement.

Operators assessing exposure still need to check upstream acceptance, their distribution’s advisory and the kernel actually installed.

OpenAI • Linux kernel study

02 / AI product tracker

Product	Version / date	Changes and sources
Codex CLI	0.168.0-alpha.2 2026-11-05 New this issue • alpha	New alpha.2 prerelease; the tag does not list feature-level changes. Codex CLI release record
Images	2.6 2026-11-04 Recent version • stable	Recent release with GIF creation and image markup in the API. Published thirty minutes before the window. Images release record

03 / AI chips

November 3 • Past 72 hours

NVIDIA details where GPU acceleration cuts fab simulation time

NVIDIA says Applied Materials’ Ginestra ran selected materials simulations up to ten times faster than CPU-only approaches with cuDSS. It also reports gains of up to 17 times on selected lithography workloads as Siemens integrates cuLitho into Calibre.

Faster calculations let engineers compare more settings before wafer trials. Estimating savings in production still requires fab-specific hardware, process and yield data.

NVIDIA • fab simulations

04 / Embodied AI

November 4 Beijing time • New

Korean robotics show puts heavy-load handling on its program

A pre-show release from The Korea Industry Daily listed 402 companies from 17 countries for ROBOTWORLD, scheduled for November 4–7. Samhyun was due to exhibit joint actuators and its BOLDUM autonomous transporter, rated for loads up to three metric tons.

Factory buyers still need loaded stopping distances, aisle requirements and shift records. The release documents an exhibition plan and rated payload.

The Korea Industry Daily • show preview

05 / Infrastructure

November 4 • New

Approved teams can use GPT-5.6 Cyber in AWS GovCloud (US-East)

OpenAI announced that approved customers can access GPT-5.6 Cyber through Daybreak Red on Amazon Bedrock in AWS GovCloud (US-East). Government security teams can reproduce weaknesses and assess mitigations in an existing cloud environment.

Identity and access checks apply, and qualified practitioners should review proposed fixes. The announcement identifies a specific model and region beyond the earlier Bedrock API availability.

OpenAI • Daybreak Red availability

November 3 • Past 72 hours

Bull and Schwarz Digits outline a European cloud partnership

The companies signed a memorandum to bring BullSequana AI to the STACKIT Marketplace and explore combining Bull’s server manufacturing and liquid cooling with STACKIT’s cloud.

Buyers with European data-jurisdiction requirements gain a potential option to track. The memorandum gives no launch date, available regions or orderable capacity; procurement still depends on a service listing and contract.

Bull • joint announcement

06 / Policy

Effective November 1 • Seven-day watch

China’s embodied-AI dataset standard takes effect

The voluntary communications industry standard YD/T 6771—2026 was issued on July 15 and took effect on November 1. It covers production procedures, organizational safeguards and quality metrics for embodied-AI datasets.

Robotics teams evaluating a supplier can ask how data were collected, who is accountable for quality and how it was measured, then test the data on their own target tasks.

National standards registry • YD/T 6771

07 / Business

November 4 • New

OpenAI plans to acquire Pierre, whose review tools already run in Codex

OpenAI announced plans to buy Pierre, the company behind Code Storage. Codex already uses Pierre’s Trees and Diffs libraries to browse files and review changes. OpenAI says existing customers can continue using Code Storage after closing while it integrates features into Codex.

Teams depending on the tools can track the closing, migration arrangements and continued maintenance of the open-source libraries.

OpenAI • proposed Pierre acquisition

November 3 • Past 72 hours

AMD posts $8.5 billion in quarterly data-center revenue

AMD reported about $13.4 billion in third-quarter revenue, up 45% year over year. Data-center revenue reached about $8.5 billion, up 97%, which the company attributed to EPYC demand and the launch of Instinct MI450 GPUs.

Readers tracking accelerator sales should retain the segment definition: this disclosure combines CPU and GPU business and gives no separate revenue figure for each.

AMD • third-quarter earnings

08 / AI markets

Hygon and Cambricon rise as Vertiv falls

On November 4, Hygon rose 10.29% and Cambricon 10.38% in mainland China. SMIC gained 8.96% in Hong Kong. In the US, Alphabet rose 3.18% while Vertiv fell 12.89%. Samsung Electronics and SK hynix slipped 0.68% and 0.14%, respectively, in Korea.

The four markets closed at different times. All 30 rows show a close and daily change in the original USD, CNY, HKD or KRW. Each row links to its Stock Analysis history or the Seoul Economic Daily closing report. The watchlist is not an industry index.

Memory

Company / ticker	Market / FX	Close	Change	Session / source
Micron / MU	US / USD	795.23	-7.00%	2026-11-04 Micron close · Stock Analysis
Sandisk / SNDK	US / USD	1,037.40	-7.91%	2026-11-04 Sandisk close · Stock Analysis
SK hynix / 000660	KR / KRW	1,396,000	-0.14%	2026-11-04 Seoul Economic Daily · Nov 4 close
Samsung Electronics / 005930	KR / KRW	218,000	-0.68%	2026-11-04 Seoul Economic Daily · Nov 4 close
CXMT / 688825	CN / CNY	44.09	+13.63%	2026-11-04 CXMT close · Stock Analysis

Storage and components

Company / ticker	Market / FX	Close	Change	Session / source
Western Digital / WDC	US / USD	323.83	-6.77%	2026-11-04 Western Digital close · Stock Analysis
Seagate / STX	US / USD	557.06	-8.13%	2026-11-04 Seagate close · Stock Analysis
Montage Technology / 688008	CN / CNY	167.82	+11.87%	2026-11-04 Montage Technology close · Stock Analysis
GigaDevice / 603986	CN / CNY	271.38	+8.48%	2026-11-04 GigaDevice close · Stock Analysis
Longsys / 301308	CN / CNY	223.00	+10.29%	2026-11-04 Longsys close · Stock Analysis
BIWIN / 688525	CN / CNY	133.68	+9.22%	2026-11-04 BIWIN close · Stock Analysis

Compute and manufacturing

Company / ticker	Market / FX	Close	Change	Session / source
Broadcom / AVGO	US / USD	325.48	-2.00%	2026-11-04 Broadcom close · Stock Analysis
TSMC ADR / TSM	US / USD	395.75	-2.24%	2026-11-04 TSMC ADR close · Stock Analysis
NVIDIA / NVDA	US / USD	200.13	-3.17%	2026-11-04 NVIDIA close · Stock Analysis
AMD / AMD	US / USD	488.78	+1.01%	2026-11-04 AMD close · Stock Analysis
Intel / INTC	US / USD	58.27	-3.77%	2026-11-04 Intel close · Stock Analysis
Cambricon / 688256	CN / CNY	847.66	+10.38%	2026-11-04 Cambricon close · Stock Analysis
Hygon / 688041	CN / CNY	187.50	+10.29%	2026-11-04 Hygon close · Stock Analysis
SMIC / 00981	HK / HKD	46.44	+8.96%	2026-11-04 SMIC close · Stock Analysis

Networking, power and cooling

Company / ticker	Market / FX	Close	Change	Session / source
Arista Networks / ANET	US / USD	178.48	+5.04%	2026-11-04 Arista Networks close · Stock Analysis
Vertiv / VRT	US / USD	205.55	-12.89%	2026-11-04 Vertiv close · Stock Analysis

Platforms and applications

Company / ticker	Market / FX	Close	Change	Session / source
Microsoft / MSFT	US / USD	555.80	+6.68%	2026-11-04 Microsoft close · Stock Analysis
Alphabet / GOOGL	US / USD	288.93	+3.18%	2026-11-04 Alphabet close · Stock Analysis
Meta / META	US / USD	630.00	+1.44%	2026-11-04 Meta close · Stock Analysis
Amazon / AMZN	US / USD	266.03	+6.12%	2026-11-04 Amazon close · Stock Analysis
iFlytek / 002230	CN / CNY	38.24	+2.16%	2026-11-04 iFlytek close · Stock Analysis
Baidu / 09888	HK / HKD	76.55	+2.48%	2026-11-04 Baidu close · Stock Analysis
Alibaba / 09988	HK / HKD	100.60	+1.05%	2026-11-04 Alibaba close · Stock Analysis
Tencent / 00700	HK / HKD	401.60	+1.11%	2026-11-04 Tencent close · Stock Analysis
SenseTime / 00020	HK / HKD	1.11	+3.74%	2026-11-04 SenseTime close · Stock Analysis

Watch for upstream kernel merges, the Pierre transaction closing and subsequent product integration.