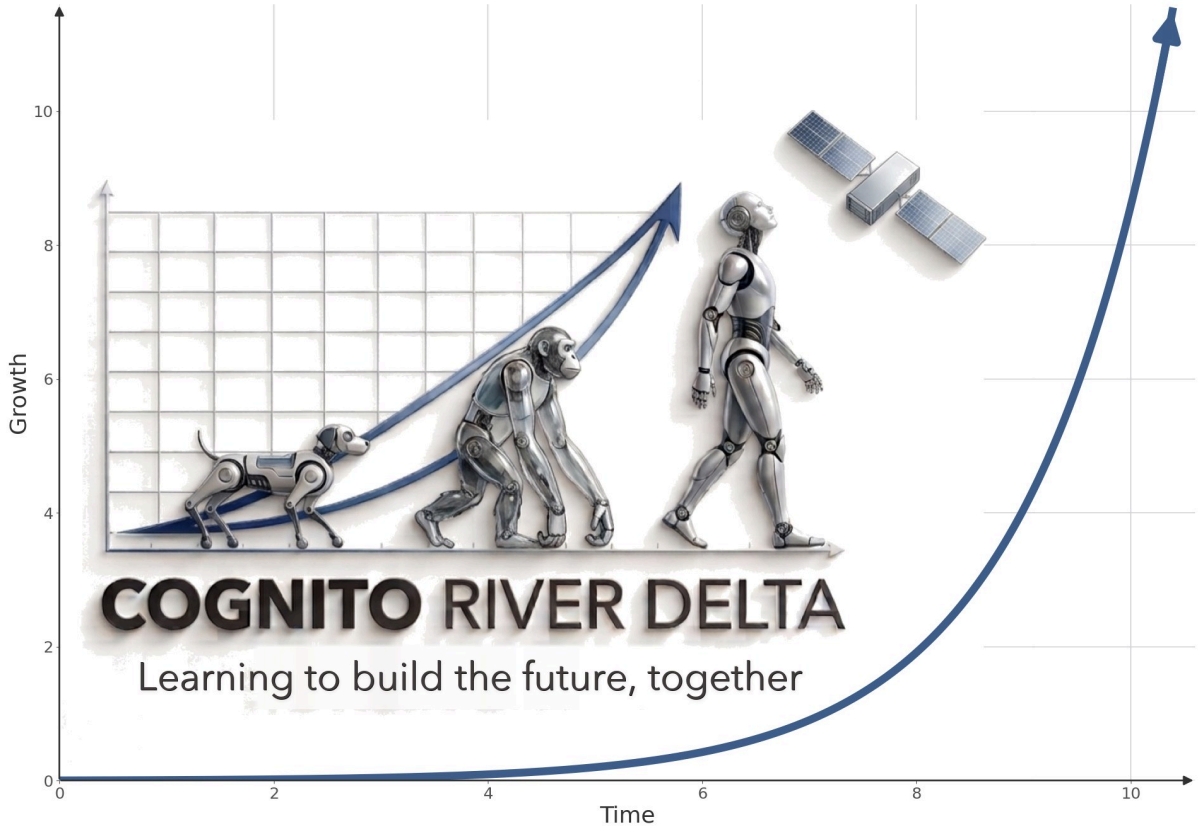


DAILY DEEP ANALYSIS

Daily deep analysis - 2026-11-14

November 15, 2026

The transition toward orbital AI infrastructure represents a shift in the compute curve from terrestrial grids to space. This movement potentially removes planetary energy and cooling constraints, enabling the deployment of mass-scale AI agents and humanoid robotics. The impact scales from individual accessibility via new autonomous vehicles to a planetary infrastructure target of one gigawatt of compute in orbit by 2028.

Learning to build the future, together · cognitoriverdelta.ai

DAILY DEEP ANALYSIS

Daily deep analysis - 2026-11-14

November 15, 2026 · 34 min read

Space-based compute & power

Daily AI industry deep analysis, synthesized from tracked video sources, news and independently researched claims - organized by exponential capability curve, not company name.

ALERTS: most important developments today

Topic	Score	Sources	Items	Most recent item
NVIDIA and Jensen Huang	109.0	62	125	Why SpaceX Catching Starship Is a Gigantic Deal (Farzad Mesbahi)
Tesla (company, TSLA, energy)	108.8	59	87	Why SpaceX Catching Starship Is a Gigantic Deal (Farzad Mesbahi)
SpaceX and Starship	107.1	86	129	Why SpaceX Catching Starship Is a Gigantic Deal (Farzad Mesbahi)
Earth-based data centers	94.7	24	34	Why SpaceX Catching Starship Is a Gigantic Deal (Farzad Mesbahi)
FSD, Robotaxi and Cybercab	88.9	53	73	Why SpaceX Catching Starship Is a Gigantic Deal (Farzad Mesbahi)
Elon Musk (general)	68.7	29	37	Why SpaceX Catching Starship Is a Gigantic Deal (Farzad Mesbahi)
AI policy, geopolitics and China	58.3	23	30	Why SpaceX Catching Starship Is a Gigantic Deal (Farzad Mesbahi)
AI industry and frontier models	54.0	25	26	NVIDIA v/s Custom Chips..Who wins? (Dylan Patel)

Score = topic weight x (log of recency-weighted coverage + log of independent sources + a bonus per followed person/channel who covered it).

Report by Don Wood

Abstract

The transition toward orbital AI infrastructure represents a shift in the compute curve from terrestrial grids to space. This movement potentially removes planetary energy and cooling constraints, enabling the deployment of mass-scale AI agents and humanoid robotics. The impact scales from individual accessibility via new autonomous vehicles to a planetary infrastructure target of one gigawatt of compute in orbit by 2028.

Executive summary

- Jensen Huang has resigned as NVIDIA CEO following reports of personal scandals and alleged ties to Chinese espionage (Brighter with Herbert, New York Times, Washington Post).
- SpaceX successfully captured the Starship upper stage using the Mechazilla tower on November 14, 2026, a milestone for full reusability (Farzad Mesbahi, CNBC, BBC).
- SpaceX is targeting one gigawatt of orbital compute by 2028, with orders for 6,000 space-ready racks for 2027 (Brighter with Herbert) [single source].
- High Bandwidth Memory (HBM) is a critical bottleneck for current AI and robotics, with demand growing significantly faster than output (David Carbutt, Brighter with Herbert).
- Tesla is offering the Cybercab for personal purchase at $29,990 with a $299 monthly autonomy subscription (Electrek, Reuters, Jo Bhakdi, Randy Kirk).
- Tesla aims for a production rate of one million Optimus robots per year by next year (FutureAzA) [single source].
- A security breach at Cursor involving a stolen Fireworks AI key led to a trojanized Claude Code extension affecting up to 5,000 users (The Hacker News, BleepingComputer, BigGo Finance).

Bottom line

AI development is moving toward vertical integration and orbital deployment to mitigate terrestrial energy and memory constraints. This transition occurs alongside a critical shortage of high-bandwidth memory and leadership instability at NVIDIA.

Topic deep dives

NVIDIA and Jensen Huang

What is new

- Jensen Huang has resigned as NVIDIA CEO after 33 years following reports of relationships with a NVIDIA Vice President and Alice Huang, a former Megaspeed executive suspected by US officials of being a Chinese spy (Brighter with Herbert).

- SpaceX successfully caught the Starship upper stage using the Mechazilla tower on November 14, 2026, though the booster failed to catch and splashed down in the Gulf of Mexico (Farzad Mesbahi).
- Elon Musk and other executives signed a petition to reinstate Huang, which garnered over 115,000 signatures (TechCrunch).

Where sources agree

- Jensen Huang was fundamental to NVIDIA's rapid iteration and "momentum" in GPU development (David Sacks, Dylan Patel).
- High Bandwidth Memory (HBM) is a critical bottleneck for AI, with demand growing significantly faster than output (David Carbutt).
- SpaceX is pursuing an integrated "stack" combining Starship transport, orbital AI compute, and custom silicon (Farzad Mesbahi, Brighter with Herbert).

Where sources disagree or differ

- Analysts differ on NVIDIA's resilience post-Huang: David Sacks predicts a loss of tempo that allows Huawei to catch up, while Dylan Patel suggests the CUDA software moat may provide some protection, though it could be challenged by AI-written software.
- Perspectives on the Starship catch vary from a significant engineering milestone for reusability (Farzad Mesbahi) to a catalyst for launching orbital data centers to bypass terrestrial power and cooling limits (Brighter with Herbert).

Numbers and claims to verify

- 1.2 million Blackwell chips intended for Colossus 2 by year-end (Brighter with Herbert, David Carbutt).
- 1 gigawatt of compute in orbit by 2028 (Brighter with Herbert).
- Micron reported a gross margin of 87% and revenue of $54 billion in a recent quarter (David Carbutt).
- NVIDIA owns approximately 123 million SpaceX shares, valued between $17 billion and $21 billion (Brighter with Herbert).
- Target of one million chip wafers per month for TerraFab by 2032 (Brighter with Herbert).

Investment implications (informational, not advice)

- NVIDIA's lack of a succession plan and the departure of its founder create leadership instability that may invite market share gains by Google or AMD (Fortune, Dylan Patel).
- SpaceX is positioning itself to dominate AI infrastructure by moving compute into orbit to utilize solar power, potentially reducing reliance on terrestrial grids (Brighter with Herbert, Farzad Mesbahi).
- The memory sector, particularly Micron, remains in a high-demand cycle due to HBM requirements for current and new AI accelerators (David Carbutt).

Tesla (company, TSLA, energy)

What is new

Tesla is offering the Cybercab for personal purchase at $29,990, though it requires a $299 monthly autonomy subscription (Electrek, Reuters). SpaceX successfully caught the Starship upper stage during Flight 15 on November 14, 2026 (Farzad Mesbahi). Jensen Huang resigned as NVIDIA CEO following personal scandals and espionage allegations (Brighter with Herbert), prompting Elon Musk to publicly offer to hire him (Brighter with Herbert). Additionally, Huawei is launching a 20 kW home battery to compete with Tesla Powerwall (Electrek).

Where sources agree

Brighter with Herbert and Farzad Mesbahi agree that Starship's reusability is the key catalyst for deploying large-scale AI compute in orbit to bypass terrestrial power and cooling limitations. David Carbutt and Brighter with Herbert both emphasize the critical nature of semiconductor and memory supply chains—specifically High Bandwidth Memory (HBM)—as a primary bottleneck for Tesla's current AI and robotics ambitions.

Where sources disagree or differ

Sources differ on the TerraFab volume production timeline, with one citing Q3 2028 (Brighter with Herbert) and another citing late 2028 (David Carbutt). David Sacks views Jensen Huang's NVIDIA exit as a loss of momentum that allows competitors like Huawei to catch up (David Sacks), whereas Brighter with Herbert frames the exit as an opportunity for Musk to fill a leadership void at TerraFab.

Numbers and claims to verify

- Cybercab subscription: $299/month (Electrek) — check if Tesla can reprice this with short notice.
- Orbital compute target: 1 gigawatt by 2028 (Brighter with Herbert) — verify the feasibility of the reported 6,000 rack order.
- Optimus production: 1 million robots per year by next year (FutureAzA) — check if Fremont factory conversion is on track.
- NVIDIA's SpaceX stake: 123 million shares (Brighter with Herbert) — verify current valuation of $17 billion to $21 billion.

Investment implications (informational, not advice)

SpaceX and Tesla are pursuing a vertically integrated "stack" combining energy, custom silicon via TerraFab, and heavy-lift transport (Farzad Mesbahi). A projected transition from NVIDIA Blackwell to Ruben/Vera chips could alter infrastructure dependencies (Brighter with Herbert). Furthermore, the ongoing memory shortage (HBM) remains a systemic risk to the scaling of AI and humanoid robotics (David Carbutt).

SpaceX and Starship

What is new

SpaceX achieved a first-ever capture of the Starship upper stage (Ship 42) using the "Mechazilla" tower arms on November 14, 2026 (Farzad Mesbahi, CNBC, BBC). While the Super Heavy booster failed to catch and splashed down in the Gulf of Mexico, the ship successfully deployed 26 Starlink V3 satellites after 14 orbits (Farzad Mesbahi). Additionally, SpaceX is reportedly preparing for orbital AI compute, with orders for 6,000 space-ready racks for 2027, aiming for one gigawatt of compute in orbit by 2028 (Brighter with Herbert).

Where sources agree

Sources agree that the successful catch of the upper stage is a critical milestone for full reusability, as it removes the need for heavy landing legs and increases payload capacity (Farzad Mesbahi). There is also a consensus on the deep interdependence between SpaceX, Tesla, and NVIDIA, noting that NVIDIA is a significant investor in SpaceX with approximately 123 million shares (Brighter with Herbert).

Where sources disagree or differ

Analysts differ on the primary impact of Jensen Huang's resignation from NVIDIA. David Sacks argues that without Huang, NVIDIA will lose its "tempo," potentially allowing Huawei to catch up in the chip race (David Sacks). Conversely, Brighter with Herbert focuses on the possibility of Huang leading "TerraFab," the joint Tesla-SpaceX chip factory in Texas, to solve semiconductor bottlenecks.

Numbers and claims to verify

- **One gigawatt of orbital compute by 2028** – Brighter with Herbert – requires verification of hardware order scales.
- **Memory demand growing by 200% vs 20% output** – Elon Musk via David Carbutt – needs verification against industry data.
- **$40 billion in debt for GPUs** – Brighter with Herbert – needs verification of SpaceX financial obligations.
- **1.2 million Blackwell chips for Colossus 2** – Brighter with Herbert – needs verification of delivery timelines.
- **Sourcing 8 million Ruben chips by next year** – Brighter with Herbert – needs verification of production capacity.

Investment implications (informational, not advice)

The successful capture of Starship may drastically reduce the cost of reaching orbit, potentially making space-based AI data centers viable by utilizing solar power and the vacuum of space for cooling (Farzad Mesbahi, Brighter with Herbert). The transition to custom silicon via TerraFab and the shift toward "Ruben" and "Vera" chips suggests a move toward vertical integration to mitigate NVIDIA dependency (Brighter with Herbert). However, the current high-bandwidth memory (HBM) shortage remains a critical bottleneck for AI scaling (David Carbutt).

Earth-based data centers

What is new

- Meta is building a C$13 billion data center in Alberta (EnergyNow.com), while Microsoft and Chevron signed a 20-year power agreement for a Texas facility (EnergyNow.com).
- Jensen Huang stated that a three-month delay for a 1-gigawatt data center costs $10 billion (Crypto Briefing).
- SpaceX is expanding terrestrial data center footprints in Texas, Mississippi, Tennessee, and Arizona (Brighter with Herbert).
- AirTrunk signed a memorandum of understanding for 1.8GW of capacity in India (Data Center Dynamics).

Where sources agree

- Energy availability and chip supply are the primary constraints limiting the growth of current data centers (Peter Diamandis, Brighter with Herbert).
- Memory, specifically High Bandwidth Memory (HBM), is a major bottleneck for AI development (David Carbutt).

Where sources disagree or differ

- **Local Impact:** Peter Diamandis claims data centers make surrounding towns wealthy (Peter Diamandis), whereas Pew Research notes that many Americans dislike political leaders who support building them (Pew Research), and a project by Kevin O'Leary in Alberta faces public skepticism (EnergyNow).
- **Operational Risk:** David Friedberg suggests potential legislation could mandate central state control via "switches" in data centers (All-In Podcast), while Brighter with Herbert notes SpaceX views its infrastructure as portable, claiming 89% of costs are in the chips, allowing them to relocate racks if blocked by a government.

Numbers and claims to verify

- $10 billion cost for a 3-month 1GW center delay - Jensen Huang (Crypto Briefing) - high financial impact.
- 89% of data center costs are tied to portable chips - Brighter with Herbert - affects risk assessment of site seizure.
- Memory demand growing at 200% vs 20% output growth - Elon Musk (David Carbutt) - impacts supply chain timelines.
- Automation of data center plumbing and HVAC within 3-4 years - Peter Diamandis - affects long-term labor costs.

Investment implications (informational, not advice)

- Power stocks may benefit from long-term utility deals, such as the 20-year Microsoft/Chevron agreement, given the extreme cost of capacity delays (News items).
- Memory providers like Micron are positioned as critical nodes due to the supply-demand imbalance in HBM (David Carbutt).
- The "portability" of AI hardware may reduce the geopolitical risk associated with fixed terrestrial real estate (Brighter with Herbert).

FSD, Robotaxi and Cybercab

What is new

Tesla announced that the Cybercab, a vehicle without steering wheels or pedals, is available for personal purchase starting December 2026 for approximately $29,000 to $29,990 (Jo Bhakdi, Randy Kirk). Initial availability is limited to select invite-only users in Austin, Texas (Jo Bhakdi, Reuters). The vehicle requires a $299 monthly autonomy subscription to operate (Jo Bhakdi, Electrek). In infrastructure, SpaceX successfully caught the Starship upper stage on November 14, 2026 (Farzad Mesbahi).

Where sources agree

Sources agree on the Cybercab's pricing around $29,000 and the $299 monthly subscription fee (Jo Bhakdi, Randy Kirk, Electrek). They also align on the critical role of High Bandwidth Memory (HBM) as a current bottleneck for AI, with Micron pivoting toward high-margin AI memory (David Carbutt).

Where sources disagree or differ

There is a dispute regarding whether Tesla met the terms of a bet with YouTuber MKBHD; while the price point was hit, the invite-only nature and subscription fee lead to debate over the "spirit" of the agreement (Randy Kirk). Farzad Mesbahi frames the Starship catch as the transition to an engineering reality for full reusability, while David Carbutt focuses on the memory supply constraints that may hinder the rollout of robots and autonomous vehicles.

Numbers and claims to verify

- $29,990 purchase price and $299 monthly fee - Robotaxi X account/Electrek - confirm official terms.
- Memory demand growing 200% while output grows 20% - Elon Musk (via David Carbutt) - verify growth rates.
- 50 to 150 basis points of GDP growth loss if Jensen Huang leaves NVIDIA - Chamath Palihapitiya (via Randy Kirk) - verify arithmetic.
- $2 trillion valuation for potential SpaceX IPO - Farzad Mesbahi - verify current valuation targets.

Investment implications (informational, not advice)

The AI trade may shift from GPUs toward CPUs to handle "agent" orchestration, potentially benefiting AMD, ARM, and custom cloud chip makers (Randy Kirk). Memory supply remains tight, with Micron's 2027 shipments largely contracted (David Carbutt). Long-term value may lie in the "Musk Stack," a vertically integrated model linking Starship transport, Starlink connectivity, and Tesla's physical AI in the form of Optimus and Cybercab (Farzad Mesbahi).

Elon Musk (general)

What is new

SpaceX successfully caught the Starship upper stage (CNBC, BBC). Tesla announced personal Cybercab sales for $29,000 starting December 2026, though Musk stated the $299 monthly autonomy fee is too high (Jo Bhakdi, Drive Tesla Canada). Jensen Huang resigned from NVIDIA following scandals (Brighter with Herbert), leading Musk to support a reinstatement petition (TechCrunch). Democrats swept the 2026 midterms, with Tesla and SpaceX losing $420 billion in combined market value (Prof G Markets, Google News).

Where sources agree

Sources agree on the technical milestone of the Starship upper stage catch (CNBC, Farzad Mesbahi). There is consensus that High Bandwidth Memory (HBM) is a current AI bottleneck (David Carbutt).

Where sources disagree or differ

Sacks claims Jensen's exit slows NVIDIA's pace, allowing Huawei to catch up (All-In Podcast), while Brighter with Herbert suggests Huang would be an ideal leader for the TerraFab project.

Numbers and claims to verify

- $420 billion market value loss (Google News) - verify total aggregate.
- 1 million robot annual run rate (FutureAzA) - verify production timeline.
- $40 billion GPU debt for SpaceX (Brighter with Herbert) - confirm financial obligation.

Investment implications (informational, not advice)

Orbital AI compute and Starship reusability may reduce long-term infrastructure costs (Farzad Mesbahi, Brighter with Herbert). HBM shortages provide a current tailwind for Micron (David Carbutt). New congressional probes following the midterm sweep present a political risk (Google News).

AI policy, geopolitics and China

What is new

- Jensen Huang resigned as Nvidia CEO following reports of relationships with individuals linked to Chinese espionage (Brighter with Herbert, New York Times).
- Huawei announced a 20 kW home battery utilizing silicon carbide technology to challenge Tesla Powerwall (Electrek).

Where sources agree

- Huang's resignation is tied to alleged ties to Chinese interests via personal relationships, specifically an executive at Megaspeed (Brighter with Herbert, Washington Post).

Where sources disagree or differ

- David Sacks argues the exit allows Huawei to catch up by slowing Nvidia's iteration pace (All-In Podcast), whereas Business Insider reports the spy allegations are "starting to look shaky." David Friedberg speculates the removal was a state effort to control AI, while other sources cite personal scandals (All-In Podcast, Brighter with Herbert).

Numbers and claims to verify

- Nvidia stock initial drop of 14% - Brighter with Herbert - verify market data.
- Nvidia ownership of 123 million SpaceX shares - Brighter with Herbert - verify equity holdings.
- Huawei battery capacity of 20 kW - Electrek - verify technical specifications.

Investment implications (informational, not advice)

A leadership void at Nvidia may impact the pace of current chip iterations, potentially altering the competitive balance between US and Chinese AI infrastructure.

AI industry and frontier models

What is new

Jensen Huang has resigned as Nvidia CEO following reports of personal scandals and espionage allegations (Brighter with Herbert). Anthropic is pursuing an IPO (CNBC Tech), while OpenAI has introduced a "ChatGPT Wallet" to allow agents to make purchases (Deccan Chronicle).

Where sources agree

Memory is a critical bottleneck for AI development (David Carbutt, Brighter with Herbert). There is a deep interdependence between Nvidia and Musk's ventures, with Nvidia owning SpaceX shares valued between $17 billion and $21 billion (Brighter with Herbert).

Where sources disagree or differ

Brighter with Herbert views Huang's departure as an opportunity for him to lead the TerraFab project, whereas Dylan Patel suggests his absence could allow competitors like Google or AMD to seize market share.

Numbers and claims to verify

- $10 billion ARR increase for Anthropic — Randy Kirk (financial reporting)

- 10 million robots per year production goal at Tesla's Texas facility — FutureAzA (capacity verification)
- 1.2 million Blackwell chips for Colossus 2 by year-end — Brighter with Herbert (delivery timeline)

Investment implications (informational, not advice)

The supply-demand imbalance for High Bandwidth Memory (HBM) favors producers like Micron (David Carbutt). Tesla’s TerraFab project may reduce semiconductor bottlenecks if volume production begins by Q3 2028 (Brighter with Herbert).

Humanoid robots (Optimus and others)

What is new

- Tesla plans to deliver Optimus to external companies by late 2027 (Ryan Shaw, David Carbutt).
- Elon Musk indicated Tesla will likely rent these robots rather than sell them (Ryan Shaw).
- A Gen 3 reveal is expected within the next one to two months (FutureAzA).

Where sources agree

- Tesla is targeting significant manufacturing scale, with a goal of one million robots per year (FutureAzA, shattered.io).
- Humanoid robots require on-board memory for processing, as they cannot rely solely on distant servers (David Carbutt).

Where sources disagree or differ

- FutureAzA emphasizes technical hurdles regarding actuator durability and the contrast between Western automation and Chinese manual progress, while Shaw and Carbutt focus on business models and memory bottlenecks.

Numbers and claims to verify

- 1 million robots per year run rate by next year - FutureAzA - production timeline.

- $20K per robot cost - shattered.io - unit economics.
- 10 million robots per year goal at Texas facility - FutureAzA - infrastructure scale.
- Actuators failing every six months in some Chinese models - FutureAzA - hardware reliability.

Investment implications (informational, not advice)

- A rental model could establish recurring revenue streams similar to FSD subscriptions (Ryan Shaw).
- The deployment of robots may drive long-term demand for high bandwidth memory (HBM) that outpaces the automotive market (David Carbutt).

---

xAI and Grok (incl. Grok Bot)

What is new

- Grok Bot 1.0 now integrates with Slack and Microsoft Teams (Google News) and saw usage increases of up to 15% following subscriber complaints (TeslaNorth.com).
- SpaceXAI cut approximately 60 staff from the Grok Imagine team to focus on agents and coding tools (CASRAI, Startup Fortune).
- A Pentagon filing claims Grok enabled over 2,000 munitions in four days (Briefs Finance).

Where sources agree

- Memory is a primary bottleneck for AI development (David Carbutt).
- TerraFab volume production is targeted for late 2028 (Brighter with Herbert, David Carbutt).

Where sources disagree or differ

- While Elon Musk stated Claude is better "for now" (BeInCrypto), other reports highlight Grok's utility in munitions (Briefs Finance) and cost efficiency assessments (TechGig).

Numbers and claims to verify

- 1.2 million Blackwell chips for Colossus 2 — Brighter with Herbert — significant hardware target.
- 2,000 munitions enabled in four days — Briefs Finance — military capability claim.
- 748 MW of gas in SpaceX Texas filing — FourWeekMBA — infrastructure capacity.

Investment implications (informational, not advice)

Vertical integration of custom silicon via TerraFab, orbital compute via StarMind, and heavy-lift transport via Starship may be intended to mitigate terrestrial energy and memory constraints (Farzad Mesbahi, David Carbutt).

Space-based AI compute and power (orbital datacenters)

What is new

SpaceX has reportedly ordered 6,000 space-ready racks for 2027, involving roughly 432,000 GPUs and $42–$45 billion in hardware (Brighter with Herbert). Flight 15 (Nov 13–14, 2026) saw the successful catch of the Starship upper stage, which may increase payload capacity by removing landing legs (Farzad Mesbahi). Additionally, Agnikul is planning a manufacturing facility for orbital data centers in Andhra Pradesh (TechGig).

Where sources agree

Space-based compute solves terrestrial bottlenecks regarding power and cooling by utilizing solar energy and the vacuum of space (Brighter with Herbert, Farzad Mesbahi).

Where sources disagree or differ

Farzad Mesbahi describes a "StarMind" constellation of up to 1 million satellites, whereas Brighter with Herbert cites a long-term goal of approximately 30,000 satellites.

Numbers and claims to verify

- 1 gigawatt of orbital compute by 2028 — Brighter with Herbert — extreme power target.

- 30–300x cost reduction compared to Falcon 9 — Farzad Mesbahi — long-term economic projection.
- 89% of data center costs are in portable chips — Brighter with Herbert — strategic portability claim.

Investment implications (informational, not advice)

Starship's full reusability may shift space hardware from "museum pieces" to modular, replaceable components (Farzad Mesbahi). Terrestrial "portability" allows SpaceX to move expensive chip assets to avoid regional government blocks (Brighter with Herbert).

Energy production and the grid

What is new

SpaceX is reportedly developing orbital AI data centers to bypass terrestrial power and cooling bottlenecks by utilizing solar power and the vacuum of space (Brighter with Herbert). The successful catch of the Starship upper stage on November 14, 2026, provides the reusability needed for the high launch cadence required to deploy this infrastructure (Farzad Mesbahi).

Where sources agree

Energy availability is a primary bottleneck for current AI development (Farzad Mesbahi, NVIDIA).

Where sources disagree or differ

Sources focus on different scales of energy solutions, contrasting residential solar and battery integration (Dirty Tesla, Ryan Shaw) with massive orbital solar arrays (Brighter with Herbert, Farzad Mesbahi).

Numbers and claims to verify

- 1 GW of compute in orbit by 2028 - Brighter with Herbert - needs verification of hardware orders.

- 6,000 space-ready racks for 2027 - Brighter with Herbert - needs confirmation of vendor contracts.
- StarMind target of 1 million satellites - Farzad Mesbahi - needs feasibility check.

Investment implications (informational, not advice)

The vertical integration of power, compute, and heavy-lift transport may significantly reduce the cost of orbital hardware (Farzad Mesbahi). Furthermore, economic opportunity and startup growth are expected to follow the strategic placement of new compute infrastructure (NVIDIA).

Starlink

What is new

- SpaceX Flight 15 successfully caught the Starship upper stage using the Mechazilla tower, though the booster crashed into the Gulf (Farzad Mesbahi, NPR).
- The mission deployed 26 Starlink V3 satellites; a single Starship flight now provides downlink capacity equivalent to 10 Falcon 9 launches (Farzad Mesbahi, Randy Kirk).

Where sources agree

- Starlink V3 satellites are too large for Falcon 9 and require Starship for deployment (Randy Kirk).
- Full reusability of the Starship system is necessary to reduce costs and enable high-volume hardware deployment in orbit (Farzad Mesbahi).

Where sources disagree or differ

- Brighter with Herbert describes orbital AI compute using "Ruben" and "Vera" chips and specialized racks, while Farzad Mesbahi refers to a proposed "StarMind" constellation of up to 1 million satellites.

Numbers and claims to verify

- 6,000 space-ready AI racks ordered for 2027 — Brighter with Herbert — verify hardware procurement.
- 89% of data center costs are in portable chips — Brighter with Herbert — verify cost distribution.
- Raptor 4 engine providing 500 tons of thrust — Brighter with Herbert — verify engine specifications.

Investment implications (informational, not advice)

- AI infrastructure trends may shift from GPU-centric growth toward CPU-driven orchestration for AI agents (Randy Kirk).
- Starlink acts as a revenue engine funding a vertically integrated stack of power, chips, and transport (Farzad Mesbahi).

AI agents and automation (Grok, Claude, computer use)

What is new

SpaceX is reportedly planning orbital AI data centers to bypass terrestrial power and cooling constraints (Brighter with Herbert). OpenAI has launched a ChatGPT Wallet allowing AI agents to make purchases on behalf of users (Deccan Chronicle). Cursor confirmed a security breach where a stolen Fireworks AI key led to a trojanized Claude Code extension (BleepingComputer).

Where sources agree

The industry is shifting toward "agentic" AI, whether implemented as tools for urban management (NVIDIA) or as software agents managing code contexts (Farzad Mesbahi).

Where sources disagree or differ

Sources address different layers of the AI stack, ranging from orbital hardware and launch cadence (Brighter with Herbert) to the technicalities of token limits and memory compaction in software (Farzad Mesbahi).

Numbers and claims to verify

- $42–$45 billion initial hardware order for orbital compute - Brighter with Herbert - High valuation requires confirmation.
- 89% of data center costs are portable chips - Brighter with Herbert - Impacts asset valuation.
- Up to 5,000 users affected by Cursor breach - BigGo Finance - Scale of security failure.

Investment implications (informational, not advice)

Economic opportunity and talent are expected to follow the strategic placement of compute infrastructure (NVIDIA). Additionally, the portability of high-cost chips may reduce jurisdictional and regulatory risks for data center operators (Brighter with Herbert).

EV supply chain (materials, mining, cells)

What is new

- Nissan is offering the NX7 PHEV with a 40 kWh LFP battery and nearly 200 miles of electric range for $20,000 (Electrek).
- Huawei is introducing a 20 kW home battery featuring silicon carbide technology and AI energy management (Electrek).
- SpaceX is planning orbital AI data centers using "Ruben" and "Vera" chips to bypass terrestrial power and cooling limits (Brighter with Herbert).
- Hoffman EV is converting Tesla Model 3 and Y vehicles into "Badger" vans (Ryan Shaw).

Where sources agree

- The AI infrastructure buildout is shifting; while one source notes a transition to Ruben/Vera chips (Brighter with Herbert), another highlights a shift in the CPU to GPU ratio from 8:1 toward 1:1 for AI orchestration (Randy Kirk).

Where sources disagree or differ

- While Tesla has offered Cybercabs at $29,990, there is a dispute regarding whether this meets the "spirit" of a public bet due to geofencing and subscription requirements (Randy Kirk).

Numbers and claims to verify

- 40 kWh LFP battery providing ~198 miles of range (Electrek) — check energy density.
- 8 million Ruben chips expected by next year (Brighter with Herbert) — verify production capacity.
- CPU/GPU ratio shift to 1:1 (Randy Kirk) — verify via Intel CFO.
- Loss of Jensen Huang impacting GDP by 50-150 basis points (Randy Kirk) — verify arithmetic.

Investment implications (informational, not advice)

Potential expansion of the AI trade into CPU designers (AMD, ARM, custom cloud chips) as orchestration becomes a bottleneck (Randy Kirk). LFP cells continue to drive affordability in the PHEV and portable power sectors (Electrek, Ryan Shaw).

AI coding agents for developers

What is new

- Cursor reported a security breach where a stolen Fireworks AI access key allowed attackers to plant a trojanized Claude Code extension (The Hacker News, BleepingComputer).
- Analysis of ClaudeCode's current memory management indicates the use of a "lossy compaction" process that re-reads only the five most recently modified files when the context window is full (Farzad Mesbahi).

Where sources agree

- Multiple outlets agree that the Cursor extension attack was traced back to an exposed Fireworks AI credential (The Hacker News, Dealroom, MLQ.ai).

Where sources disagree or differ

- Sources focus on different risks: some highlight external security breaches (The Hacker News), while others focus on internal memory constraints and instruction loss (Farzad Mesbahi).

Numbers and claims to verify

- Up to 5,000 users were affected by the malicious extension - BigGo Finance - actual impact scale.
- Files larger than 5,000 tokens are treated as path references only - Farzad Mesbahi - technical constraint.
- Skill re-injection is capped at 25,000 tokens total - Farzad Mesbahi - memory limit.

Investment implications (informational, not advice)

- Security vulnerabilities in vendor keys and reports of agents publishing passwords (Cybersecurity Insiders) present significant operational risks for enterprise adoption. Technical limitations in context handling (Farzad Mesbahi) may hinder agent effectiveness in large-scale codebases.

Research: open questions checked against outside sources

Did Jensen Huang resign as NVIDIA CEO, according to the analysis by Don Wood?

Claim: Jensen Huang resigned as NVIDIA CEO according to the analysis by Don Wood. Status: Confirmed.

According to the analysis by Don Wood, Jensen Huang has resigned as CEO of NVIDIA [1]. This resignation followed allegations of extramarital affairs, and CFO Colette Kress has been named as the interim CEO [1]. Other evidence confirms that Huang resigned as president, CEO, and director on November 12 [8, 10] and that Colette Kress will lead the company in his absence [8].

Sources: Nvidia live updates: Following Jensen Huang's resignation as; NVIDIA CEO Resigns. What It Means.; Jensen Huang Is Out. Now What?; Nvidia CEO Jensen Huang resigns in big blow to AI boom By Re; Jim Cramer sits down with Federal Realty Investment CEO Don ; Jensen Huang resigned in disgrace from Nvidia. Many in Silic; What’s Next for Nvidia After Jensen Huang’s Resignation? - Y; What’s Next for Nvidia After Jensen Huang’s Resignation? - A

What are the allegations against Alice Huang as cited by Don Wood?

The evidence is insufficient.

Sources: Advantage China? How Nvidia CEO's affair with 'spy' Alice Hu; Who Is Alice Huang? The Suspected Chinese Spy At The Centre ; Who is Alice Huang? The woman at the center of Nvidia’s scan; All the Characters Being Talked About in the Jensen Huang Sc; 1.3K views · 12 reactions | NBC News' Dan De Luce joins "Her; NVIDIA Without Jensen Huang And What Investors Should Watch ; Launching probe amid Nvidia fallout, Megaspeed says Alice Hu; FILE PHOTO: A photo shows NVIDIA CEO Jensen Huang with a wom

Can the NVIDIA holding of 123 million SpaceX shares be verified?

The evidence is insufficient.

Claim: NVIDIA holding of 123 million SpaceX shares. Status: Unverified. Evidence: One source cites an initial holding of approximately 123 million shares [1], while an August 14 13F filing indicated a holding of about 122.8 million SpaceX shares [1]. This stake reportedly originated from Nvidia's participation in xAI's $20 billion Series E funding in January, which converted into SpaceX shares in February when SpaceX purchased xAI in an all-stock deal [1]. However, the evidence explicitly states that sources do not provide a definitive verification of the current holding or value [1].

Credit to Don Wood.

Sources: Nvidia has a stake in SpaceX that came from an unexpected pl; Is SpaceX dominating the field? Goldman Sachs declares the "; Nvidia CEO Jensen Huang begins sale of $925M worth of Nvidia; SpaceX IPO Guide: Can You Buy SpaceX IPO Shares on Robinhood; The Private Shares Fund (PIIVX) Anchored by SpaceX as Larges; Opinion | Don’t assume Nvidia will rebound - The Washington ; Apple Roundup: Apple, Nvidia Leadership Shake-Up and Tim Coo; Elon Musk signs petition to reinstate Jensen Huang as Nvidia

Did SpaceX successfully catch the Starship upper stage on November 14, 2026?

SpaceX successfully caught the Starship upper stage on November 14, 2026 [1, 3, 4, 5, 6, 8].

Claim: Confirmed.

The capture was completed using "chopsticks," which are mechanical arms attached to a launch tower at the Starbase facility in Texas [1, 8]. This event occurred during Test Flight 15 [1, 8]. The upper stage was snagged by the tower after orbiting the Earth [8, 9]. However, the booster failed to return to the tower and exploded in the Gulf of Mexico during an offshore splashdown [1, 8].

Credit: Don Wood.

Sources: SpaceX makes history, catching Starship from orbit for the f; Watch SpaceX will attempt its 1st-ever 'chopsticks' Starship; SpaceX, in a historic first, catches upper stage of its Star; Starship rocket breaks up midflight, but SpaceX catches boos; Starship rocket breaks up midflight, but SpaceX catches boos; SpaceX Starship Upper Stage Lands Successfully - KFI AM 640 ; Elon Musk’s SpaceX catches Starship rocket upper stage from ; 'Now everything changes': SpaceX catches Starship upper stag

Is the target for 1 gigawatt of orbital compute by 2028 feasible?

The target for 1 gigawatt (GW) of orbital compute by 2028 is Confirmed as a SpaceX goal [1]. However, its feasibility is Unverified [1].

A bull case for this target relies on 220 Starship launches in 2028, with 70% dedicated to compute satellites [1]. This volume would support 6,000 racks, averaging 175 kW of compute-payload power per satellite [1].

Challenges to this target include:

- Radiation Shielding: Peter Zeihan argues that the physics of shielding high-end chips from space radiation may not support the goal [1].
- Market Probability: Kalshi traders give only a 14% chance of a 1-megawatt orbital data center going live before January 2029 [1].

SpaceX's S-1 indicates that orbital AI compute satellites could begin deploying as early as 2028 [1].

Credit: Don Wood.

Sources: Deep|Space Compute: SPCX Could Reach 1 GW of On-Orbit Comput; Musk Touted Data Centers in Space to SpaceX IPO Investors. P; SpaceX Orbital Data Center: Status and Filings | SpaceNexus; To Boldly Go: The Case for Space Datacenters; Orbital data centers' feasibility gap is a governance risk |; Space Data Center ETF Targets Orbital AI Boom as

Nvidia's $5; Orbital data centers could make stargazing nearly impossible; Space data center investment surge raises risks for astronom

---

Claims to verify (collected)

- **NVIDIA and Jensen Huang:** 1.2 million Blackwell chips intended for Colossus 2 by year-end (Brighter with Herbert, David Carbutt).
- **NVIDIA and Jensen Huang:** 1 gigawatt of compute in orbit by 2028 (Brighter with Herbert).
- **NVIDIA and Jensen Huang:** Micron reported a gross margin of 87% and revenue of $54 billion in a recent quarter (David Carbutt).
- **NVIDIA and Jensen Huang:** NVIDIA owns approximately 123 million SpaceX shares, valued between $17 billion and $21 billion (Brighter with Herbert).
- **NVIDIA and Jensen Huang:** Target of one million chip wafers per month for TerraFab by 2032 (Brighter with Herbert).
- **Tesla (company, TSLA, energy):** Cybercab subscription: $299/month (Electrek) — check if Tesla can reprice this with short notice.
- **Tesla (company, TSLA, energy):** Orbital compute target: 1 gigawatt by 2028 (Brighter with Herbert) — verify the feasibility of the reported 6,000 rack order.
- **Tesla (company, TSLA, energy):** Optimus production: 1 million robots per year by next year (FutureAzA) — check if Fremont factory conversion is on track.
- **Tesla (company, TSLA, energy):** NVIDIA's SpaceX stake: 123 million shares (Brighter with Herbert) — verify current valuation of $17 billion to $21 billion.
- **SpaceX and Starship:** One gigawatt of orbital compute by 2028** – Brighter with Herbert – requires verification of hardware order scales.
- **SpaceX and Starship:** Memory demand growing by 200% vs 20% output** – Elon Musk via David Carbutt – needs verification against industry data.
- **SpaceX and Starship:** $40 billion in debt for GPUs** – Brighter with Herbert – needs verification of SpaceX financial obligations.
- **SpaceX and Starship:** 1.2 million Blackwell chips for Colossus 2** – Brighter with Herbert – needs verification of delivery timelines.
- **SpaceX and Starship:** Sourcing 8 million Ruben chips by next year** – Brighter with Herbert – needs verification of production capacity.
- **Earth-based data centers:** $10 billion cost for a 3-month 1GW center delay - Jensen Huang (Crypto Briefing) - high financial impact.

- **Earth-based data centers:** 89% of data center costs are tied to portable chips - Brighter with Herbert - affects risk assessment of site seizure.
- **Earth-based data centers:** Memory demand growing at 200% vs 20% output growth - Elon Musk (David Carbutt) - impacts supply chain timelines.
- **Earth-based data centers:** Automation of data center plumbing and HVAC within 3-4 years - Peter Diamandis - affects long-term labor costs.
- **FSD, Robotaxi and Cybercab:** $29,990 purchase price and $299 monthly fee - Robotaxi X account/Electrek - confirm official terms.
- **FSD, Robotaxi and Cybercab:** Memory demand growing 200% while output grows 20% - Elon Musk (via David Carbutt) - verify growth rates.
- **FSD, Robotaxi and Cybercab:** 50 to 150 basis points of GDP growth loss if Jensen Huang leaves NVIDIA - Chamath Palihapitiya (via Randy Kirk) - verify arithmetic.
- **FSD, Robotaxi and Cybercab:** $2 trillion valuation for potential SpaceX IPO - Farzad Mesbahi - verify current valuation targets.
- **Elon Musk (general):** $420 billion market value loss (Google News) - verify total aggregate.
- **Elon Musk (general):** 1 million robot annual run rate (FutureAzA) - verify production timeline.
- **Elon Musk (general):** $40 billion GPU debt for SpaceX (Brighter with Herbert) - confirm financial obligation.

Appendix: Perspectives by person

We see further because we stand on the shoulders of giants. The people in this appendix are some of those giants: their public work, followed and studied every day and every week, is how CognitoRiverDelta brings the world's AI knowledge and concerns together, so that, in time, our expert panel can help shape real solutions and paths forward for all of us. We learn by observing them, and we think of them as kindred spirits: people helping humanity and AI educate each other and contribute to solutions. Together they form a much larger community of minds, a worldwide panel; ours is a small copy of it. Most people don't want to become expert kayakers, reading rocks and rapids every day; yet that is how this fast-flowing river of change feels to many of us, and the evidence that could ease those fears, the grounded ones and the imagined ones, is still being gathered. That is the work. We credit their ideas here with gratitude; they are not affiliated with us and do not endorse this report.

Each voice's own point of view today, most relevant first - follow the links to their channels for the full story.

Cern Basher

Brilliant Advice co-founder and Tesla analyst · YouTube · X

Basher highlights the massive scale and capital efficiency of Anthropic, noting its recent $10 billion increase in ARR. He also analyzes the leadership transition at Nvidia as a potential catalyst for industry-wide retrenchment and interprets Tesla's software progress through the modular integration of its V15 architecture.

Elon Musk

CEO of Tesla, SpaceX and xAI · YouTube · YouTube (SpaceX) · X

Musk is prioritizing the scaling of orbital bandwidth via Starship and deepening technical integration with Nvidia through the development of the StarMind computer. He identified power availability and leadership continuity at Nvidia as critical constraints for the ongoing AI expansion.

Herbert Ong

Brighter with Herbert host and interviewer · YouTube · X

The sudden leadership crisis at Nvidia following the resignation of Jensen Huang has created significant ripples across the AI sector, particularly for the Musk ecosystem. Herbert Ong examines how this volatility may accelerate strategic pivots for Tesla and SpaceX, including the potential recruitment of Huang for the TerraFab chip initiative and the intensification of SpaceX's orbital AI infrastructure.

Brian Wang

NextBigFuture founder and technology analyst · YouTube · X

Brian Wang is shifting focus from the spectacle of rocket reusability to the economic utility of Starship's payload, specifically regarding orbital AI compute infrastructure. He is also tracking imminent corporate timelines regarding a potential Tesla and SpaceX merger.

David Carbutt

AI, Tesla, and SpaceX story analyst

David Carbutt analyzes the structural shifts occurring in the AI sector, specifically the leadership transition at NVIDIA and the massive capital and hardware requirements for future scaling. He highlights the critical role of high-bandwidth memory (HBM) and Elon Musk's proposed "TerraFab" as essential responses to the projected physical constraints of the AI, robotics, and autonomous vehicle industries.

Jeff Lutz

Former supply-chain executive and Tesla commentator · X

Lutz identifies "cost speed performance per task" as the vital metric for AI utility, while monitoring the strategic timelines for a potential Tesla/SpaceX merger and the transition of Robotaxi from software development to operational scaling.

Jensen Huang

NVIDIA founder and CEO · YouTube · X

AI is transitioning from a digital-only tool to the fundamental infrastructure of the physical world, specifically through intelligent urban systems and autonomous vehicle safety frameworks. The focus has shifted toward the integration of hardware, software, and lifecycle risk management to prove the safety and utility of these physical-world applications.

Jo Bhakdi

Entrepreneur and macro commentator · YouTube · X

Bhakdi highlights a major strategic shift for Tesla with the announcement of personal Cybercab ownership and provides tactical advice to Jensen Huang to reclaim leadership at Nvidia. He characterizes the current market as an "AI nubble"—a period of irrational disbelief that he believes misprices the massive growth occurring in AI infrastructure.

Sources used today

Videos (49)

- Why SpaceX Catching Starship Is a Gigantic Deal - Farzad Mesbahi, Nov 15
- Why SpaceX Turned 3 of Starship's Satellites Into Cameras - Farzad Mesbahi, Nov 15
- How big is this catch? Starship is 171 ft tall and the tower caught it #Shorts - Tesla Owners Silicon Valley, Nov 15
- Starship Catch: Larry Was There; Historic - Randy Kirk, Nov 15
- The Next 4 Years of AI Will Look Nothing Like the Last 4 - Dwarkesh Patel, Nov 15
- Is the Cybertruck a flop? My honest take as an owner - Tesla Owners Silicon Valley, Nov 15
- Starship’s Super Heavy booster explodes after diverting away from the pad due to low fuel - Tim Dodd, Nov 15
- Elon said SpaceX would catch the ship next, and on Flight 15 it did #Shorts - Tesla Owners Silicon Valley, Nov 15
- Render vs reality!!! The math maths. The engineering engineered. It happened! #Starship #F - Tim Dodd, Nov 15
- They Turned A Tesla Model 3 Into A Van #tesla #ev #technews - Ryan Shaw, Nov 15
- Are you still holding onto this? #Tesla #TSLA #AI #SpaceX #Robotaxi #StockMarket - Randy Kirk, Nov 15
- Turn your sound on: a tower catching Starship on Flight 15 #Shorts - Tesla Owners Silicon Valley, Nov 15
- NVIDIA v/s Custom Chips..Who wins? - Dylan Patel, Nov 14
- DATA CENTERS MAKE TOWNS RICH - Peter H. Diamandis, Nov 14
- The moment the tower caught Starship on Flight 15, slowed down 4x #Shorts - Tesla Owners Silicon Valley, Nov 14
- Elon inspecting Ship 42 in the tower arms after the first Starship catch #Shorts - Tesla Owners Silicon Valley, Nov 14
- Starship Flight 15 coming home, sped up: from reentry plasma to the first-ever ship catch - Tesla Owners Silicon Valley, Nov 14
- YOU CAN NOW BUY A CYBERCAB - Jo Bhakdi, Nov 14
- Starship Flight 15, all at once - Tesla Owners Silicon Valley, Nov 14
- Flight 15, both vehicles at once: Super Heavy splashing down in the Gulf and Starship caug - Tesla Owners Silicon Valley, Nov 14
- David Sacks on Jensen’s Exit: China Wins, America Loses - All-In Podcast, Nov 14

- Every official catch so far, all at once: Super Heavy on Flights 5, 7 and 8, and Starship - Tesla Owners Silicon Valley, Nov 14
- SpaceX Makes History With Starship Tower Catch #spacex #elonmusk #starship - Steven Mark Ryan, Nov 14
- Starship Flight 15 was just caught by the tower at Starbase. The first-ever ship catch. #s - Tesla Owners Silicon Valley, Nov 14
- SpaceX Catches Starship On Tower For First Time - Steven Mark Ryan, Nov 14
- ...and 24 more

News (384)

- Sandlock: Confining AI Agent Code with Unprivileged Linux Primitives - Hacker News, Nov 15
- Opinion | Don’t assume Nvidia will rebound - The Washington Post (via Google News), Nov 15
- Orbital data centers could make stargazing nearly impossible, researchers warn - Mezha.net (via Google News), Nov 15
- Apple Roundup: Apple, Nvidia Leadership Shake-Up and Tim Cook CEO Speculation - Apple (NAS - Benzinga (via Google News), Nov 15
- The new Steve Jobs? Why the Apple legend looms over Jensen Huang debate - South China Morning Post (via Google News), Nov 15
- Anthropic’s IPO lands as the embattled AI trade looks for a much-needed bright spot - CNBC Tech, Nov 15
- Elon Musk signs petition to reinstate Jensen Huang as Nvidia CEO — over 130,000 sign onlin - Tom's Hardware (via Google News), Nov 15
- Nvidia Petition Calling for Jensen Huang’s Return Draws 120,000 Signatures - La Voce di New York (via Google News), Nov 15
- Space data center investment surge raises risks for astronomy and orbital security - Traders Union (via Google News), Nov 15
- Jensen Huang’s Downfall Isn’t Just About Sex - The Free Press (via Google News), Nov 15
- Cursor malicious Claude Code extension incident traced to FireworksAI hack - 디지털투데이 (via Google News), Nov 15
- SpaceX Texas Filing: 748 MW of Gas, 1.8x Colossus’s Turbines - FourWeekMBA (via Google News), Nov 15
- Is Nvidia cooked without Jensen Huang? - Business Insider (via Google News), Nov 15
- SpaceX achieves another historic first - The Economist (via Google News), Nov 15

- Nvidia CEO’s affair exposes loophole Chinese firms use to access high-end chips - The Washington Post (via Google News), Nov 15
- Samsung Said to Make SpaceX Chips in $1.9B Austin Expansion - FourWeekMBA (via Google News), Nov 15
- Jensen Huang resigned in disgrace from Nvidia. Many in Silicon Valley are still showering - CNN (via Google News), Nov 15
- Space Passenger Planes Closer to Reality as SpaceX Successfully Catches Starship - SBS 뉴스 (via Google News), Nov 15
- What Elon Musk’s SpaceX Starship Catch Means for Moon Missions - Newsweek (via Google News), Nov 15
- NVIDIA Without Jensen Huang And What Investors Should Watch Now - Forbes (via Google News), Nov 15
- "I Hope You Die": Jensen Huang Accused Of Explosive Office Outbursts - NDTV (via Google News), Nov 15
- Nvidia's first post-Jensen earnings and Anthropic's IPO: What to watch this week - Yahoo Finance (via Google News), Nov 15
- Meet the research firm that shorted Nvidia for ‘a significant China problem' six months ag - Fortune (via Google News), Nov 15
- What's next for SpaceX's Starship after epic Flight 15 chopsticks catch? - Space (via Google News), Nov 15
- Anxious about AI: Polls show Americans oppose data centers, have fears about machine learn - MessageMedia.co (via Google News), Nov 15
- ...and 359 more

Run notes

- Models: local:gemma4:31b
- Elapsed: 32 min
- Topics not analyzed (time/errors): none
- Claims above come from named speakers and outside articles; treat specifics as unverified until checked. Not financial advice.

🪶 ORBIT LAB · THE ROAD TO ORBIT, HANDS-ON

Launch a rocket, link satellites with lasers, beam power down and fly to the sun →

- Why one Starship launch of V3 satellites adds 20× or more the bandwidth of a Falcon 9 launch - about 10× per satellite, about 3× as many per launch
- Cooling in space: how a computer in orbit radiates its heat away - set the radiator temperature yourself
- **New, iteration 2:** See it from the Moon - a rail gun fires compute satellites into a ring around the sun (our forecast, not to scale)
- **Iteration 3:** Real scale - Earth and the Moon to scale, and the round-spheres fix a real-phone tester found
- How much of the sun do we use? - and why AI compute follows the sun

An interactive planet and solar system, built with an AI coding partner in a morning. How we built it

Related reports

WEEKLY DIGEST

Weekly video script - 2026-W39

Tesla is attempting to sync FSD, Optimus, and the Semi into one unified agentic brain, marking a massive shift toward "Physical AI." We're also tracking the birth of "Sky Compute" via Starship and the industry's pivot fr

Week of September 21, 2026 · Humanoid & general robotics · Space-based compute & power

DAILY DEEP ANALYSIS

Compute Infrastructure Scaling

The exponential curve of compute is moving off-planet and into humanoid forms, shifting the paradigm from isolated products to a unified, integrated AI infrastructure. This transition is critical as it attempts to bypass

September 25, 2026 · Autonomous vehicles · Space-based compute & power

DAILY AI BRIEFING

Multi-Trillion-Dollar Capital Expenditure Expansion

The global technology and investment landscape is undergoing a structural pivot toward physical AI, autonomous

commercial transport, and massive orbital compute infrastructure, driven by multi-trillion-dollar capital expenditure plans across Elon Musk's corporate ecosystem. Industry analyses from le

September 26, 2026 · Space-based compute & power · Autonomous vehicles

Everything here is free, and reader-supported. Join free on Patreon to get the weekly digest by email, or become a member to get each morning's briefing by email before it reaches the site, request custom analysis, and get early access to new research tools. What members get

❤ Join or support on Patreon

Informational analysis synthesized by AI from sourced, dated material, curated by a human. Treat specific claims as unverified until checked. Not financial advice.

About · How this is made · Corrections