

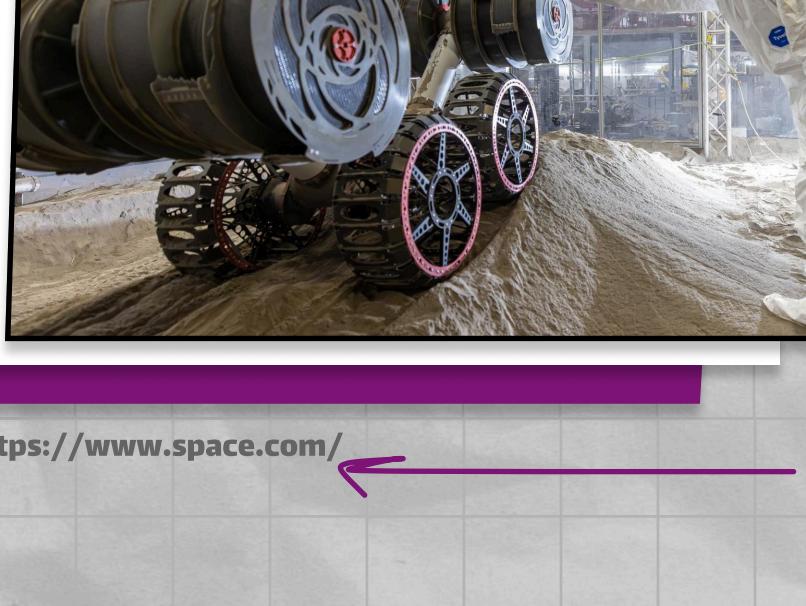
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NEWS-LETTER

JUNE '25

EDITION #1 OF TECH NEWS

OF THE MONTH



<https://www.space.com/>

1. NASA's RASSOR Excavator Digs Up

Moon Simulant

NASA's Regolith Advanced Surface Systems Operations Robot (RASSOR) has successfully excavated simulated lunar dust at Kennedy Space Center. Designed with counter-rotating drums, it builds berms and minimizes tip-over risk—essential for future lunar construction and resource extraction missions.

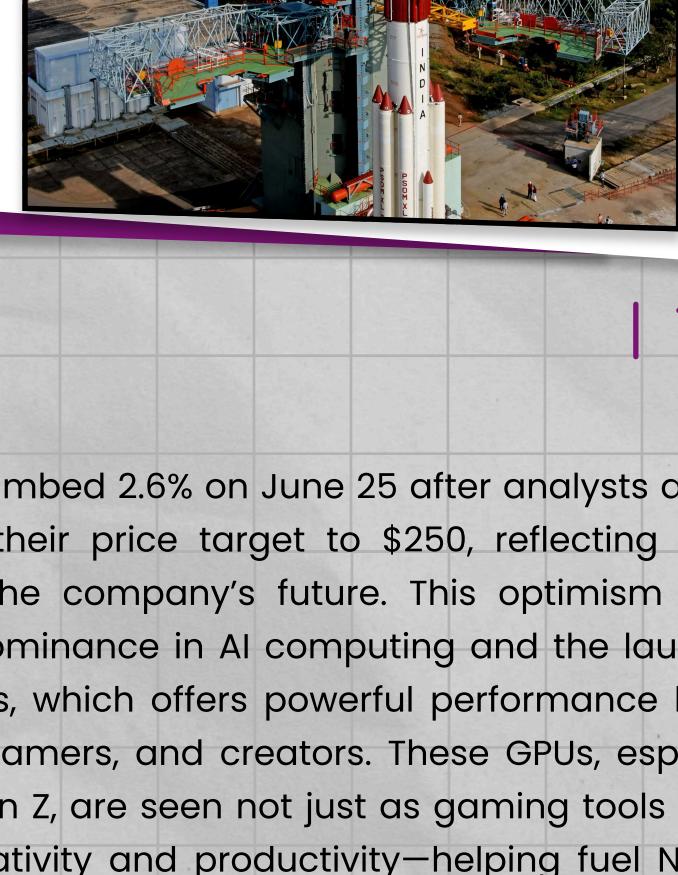
2. DCRM Debuts on India's PSLV Orbital Module

India's latest PSLV mission (PSLV-C60, SpaDeX) included the Debris Capture Robotic Manipulator (DCRM) on its Orbital Experiment Module (POEM-4). Developed by ISRO's Vikram Sarabhai Space Centre, this seven-joint robotic arm successfully demonstrated tethered-debris capture in January 2025—using visual-servoing, motion prediction,

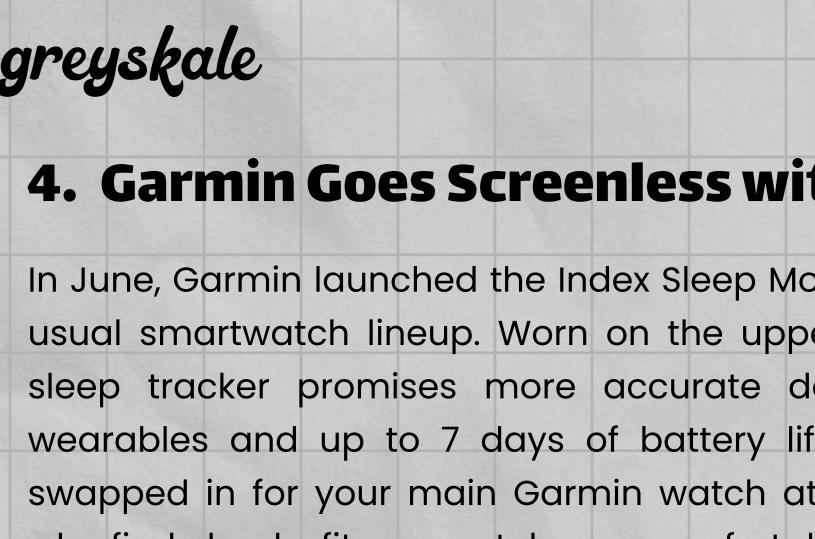
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and a parallel end-effector. While no new tests were reported in June, this is still a remarkable milestone nonetheless. DCRM continues to gain global attention as a model for low-cost, modular orbital clean-up. Its success is expected to shape India's plans for autonomous servicing on the Bharatiya Antarksh Station (BAS) and beyond.

<https://www.republicworld.com/>
<https://en.wikipedia.org/>



3. Nvidia Stock Up—RTX Spark Fuelling Gains



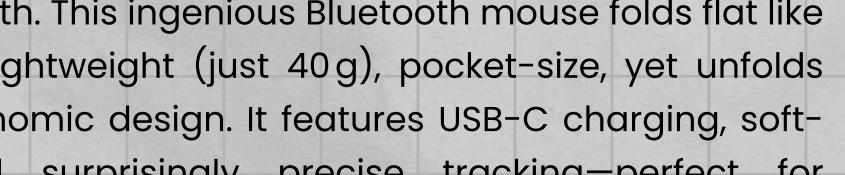
<https://www.fingerlakes1.com/>

Nvidia's stock climbed 2.6% on June 25 after analysts at Loop Capital raised their price target to \$250, reflecting strong confidence in the company's future. This optimism stems from Nvidia's dominance in AI computing and the launch of its RTX 50 Series, which offers powerful performance boosts for gamers, streamers, and creators. These GPUs, especially popular with Gen Z, are seen not just as gaming tools but as engines for creativity and productivity—helping fuel Nvidia's projected rise toward a \$6 trillion market cap. In short, your graphics card might just be a piece of the future economy.

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4. Garmin Goes Screenless with Sleep Monitor Launch

In June, Garmin launched the Index Sleep Monitor, breaking from its usual smartwatch lineup. Worn on the upper arm, this dedicated sleep tracker promises more accurate data than wrist-based wearables and up to 7 days of battery life. It's designed to be swapped in for your main Garmin watch at night—ideal for those who find chunky fitness watches uncomfortable in bed. This marks a shift toward screenless wellness tech, with rivals like Polar also prepping a Whoop-style alternative set for September launch.



<https://www.techradar.com/>

5. OrigamiSwift Foldable Mouse – Pocket-Friendly Power!

In June, the OrigamiSwift mouse went viral as one of the top "tiny gadgets" of the month. This ingenious Bluetooth mouse folds flat like a piece of paper—lightweight (just 40g), pocket-size, yet unfolds into a full-size ergonomic design. It features USB-C charging, soft-click buttons, and surprisingly precise tracking—perfect for commuters, travelers, and anyone craving clever convenience.

<https://www.yankodesign.com/>

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