

Does the tower company purchase optical modules



Overview

Tower Semiconductor's latest announcement—partnering with NVIDIA to scale AI infrastructure with 1.6T data center optical modules—marks a significant step forward for high-speed networking. This partnership utilizes Tower's Silicon Photonics (SiPho) platform, which enables data rates up to double those of prior solutions. With increasing demand for high-speed optical connectivity in AI-driven data centers, Innolight and Tower Semiconductor are strengthening their long-standing partnership to deliver. Planned expansion supports the TPSCo announced transition while strengthening Tower's differentiated optical and photonics platforms and enabling growth across these high-value technology offerings Migdal Haemek, Israel, March 25, 2026 - Tower Semiconductor (NASDAQ/TASE: TSEM), the leading foundry. Tower Semiconductor's latest announcement—partnering with NVIDIA to scale AI infrastructure with 1.

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Tower Semiconductor (TSEM) shares soared 17% in Thursday's pre-market trade before paring some of the gains after the company announced a partnership with Nvidia Corp. (NVDA) for 1.6T data...



Tower's advanced Silicon Photonics platform enables optical and network infrastructure ecosystem with high-speed data transceivers for AI deployments.



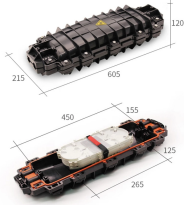
We'll now examine how Tower's high-performance silicon photonics for 1.6T NVIDIA-compatible optical modules could reshape its long-term investment narrative.



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Tower Semiconductor announced it is scaling AI infrastructure deployments with high-performance silicon photonics for 1.6T data center optical modules designed for NVIDIA networking protocols, ...



As part of the agreement, Tower has an option to purchase the existing Fab 7 building and land.



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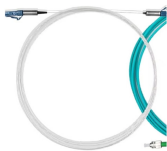


Tower Semiconductor is teaming with NVIDIA to develop 1.6T data center optical modules using silicon photonics technology. The new platform doubles the data rate of previous solutions to ...



WebTelecoms Cabling

Tower Semiconductor's silicon photonics enables up to double the data-rate compared to prior silicon photonics solutions, providing increased bandwidth and throughput for optical ...



"Innolight has been leading the high-speed optical module market, and our collaboration with Tower enables us to pioneer new Silicon Photonics solutions for AI and data center applications," said Dr. ...

Contact Us

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