GDR Telecom Site Energy Systems

Optical communication chip internet access device

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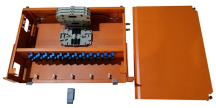
Google''s X lab introduces the groundbreaking ''Taara'' chip, a photonic marvel transmitting data at 10 Gbps using light beams. This innovation could revolutionize internet access, especially in ...

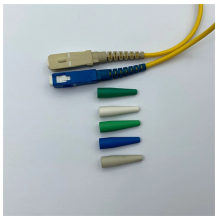
Taara delivers high-speed internet using light beam technology, bypassing cables to provide resilient, fiber-like connectivity. Our wireless solution enables broadband expansion, bridging the digital divide ...

In data centers today, network switches in a rack of computers consist of specialized chips electrically linked to optical transceivers that plug into the system. (Connections within a rack ...



Taara''s silicon photonic chip features an optical phased array ...

Nokia ICE-D intra-data center optical connectivity technology provides a power-efficient (up to a 75% reduction), highly integrated solution that combines multiple optical functions onto a single monolithic ...



Alphabet explains that this chip can transmit data through the air using beams of light. The new chip is a significant improvement over its predecessor, namely that it has dispensed with the...

Taara''s silicon photonic chip features an optical phased array system to precisely steer, track, and correct light so it can beam data over the air to another chip.

By co-packaging the communications interfaces (e.g., optical or electrical engines) in close proximity to the ASIC, high data-throughput interconnects with lower power and lower latency are ...

A project from Google''s parent company, Alphabet, is debuting a new chip that promises to deliver gigabit internet speeds over the air — no cable needed. The technology comes from Taara, ...

From the bustling streets of Nairobi, to cities straddling the world''s deepest river, Taara''s wireless optical communication links have delivered fiber-like speeds to communities too remote, too ...

Google X has revealed the Taara chip, the latest development in its quest to harness the power of light for inexpensive, cable-free, high-speed internet. This "fingernail-sized" chip uses...

Contact Us

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