

Vizmonet Unveils axE2-6000, the 6 GHz Wi-Fi 6E Module Redefining IoT, Edge, and Consumer Connectivity

Introducing the Wi-Fi 6E module engineered to offer ubiquitous connectivity with ultra-low latency and blazing speeds empowering Industrial IoT applications

SINGAPORE, October 3, 2025 /EINPresswire.com/ -- [Vizmonet](https://www.vizmonet.com/) today announced the launch of [axE2-6000](#), a cutting-edge 6 GHz Wi-Fi 6E [minipCLe](#) module designed to empower Industrial IoT, edge devices with unparalleled speed, reliability, and energy efficiency. Built to meet evolving bandwidth demands and rising device density, the axE2-6000 enables multi-gigabit wireless performance at ultra-low latency, while preserving robust coexistence with existing 2.4 GHz and 5 GHz networks.

Key Features:

High Performance: Up to 2.4 Gbps data rate with 1024 QAM for seamless streaming and gaming.

Improved Range and Latency: Improved range and lower latency with 30 dBm TX Power & Industry leading RX Sensitivity

Wide Temperature Range: Ranges from -40°C to +85°C, suitable for diverse environments.

Out-of-band rejection > 50 dBC for optimal



axE2-6000, minipCLe 6 GHz module



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performance even in crowded spectra.

Shock-and-vibration resistant: Built to withstand shock and vibration, ensuring durability in demanding applications.

Easy to integrate: Easy to integrate with existing systems and devices

One size doesn't fit all: One size doesn't fit all. Custom fit solutions tailored made to the requirements.

Powered by the Qualcomm QCN9072 enterprise network processor, axE2-6000 modules are available for immediate sample deliveries.

For OEMs: Shorter time-to-market with a fully integrated Wi-Fi 6E module, reduced bill-of-materials, and scalable performance across product families.

The axE2-6000 positions Vizmonet at the forefront of 6 GHz connectivity, addressing the growing demand for higher bandwidth, ultra-reliable wireless links in UAS, UGS, industrial automation, mining and edge computing.

For more information, visit <https://vizmonet.com> or contact enquiry@vizmonet.com

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