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PRESS RELEASE

Trident Infosol Unveils Magpie II: A New Benchmark in Compact Rugged Computing

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Trident Infosol introduces Magpie II, the latest evolution of its rugged embedded computing platform, designed to deliver mission-critical computing performance in a compact form factor. Building on the proven Magpie platform, **Magpie II** combines enhanced processing capabilities, flexible I/O, low-power operation, and a ruggedized design within an exceptionally compact Small Form Factor (SFF) architecture.



Magpie II

At the core of the Magpie II platform are **two distinct computing variants**, each engineered to provide a balanced combination of performance and efficiency for demanding mission requirements. **Magpie II-T** is powered by the 11th Gen Intel® Core™ i7-1185GRE processor, delivering **4C at 2.8 GHz**, while **Magpie II-R** features the 13th Gen Intel® Core™ i7-1365URE processor with **2P/8E at 1.70 GHz, 15W**. Both variants support up to **1980GB M.2 SATA/NVMe storage**, Intel® Iris® Xe Graphics, DisplayPort, and a versatile I/O architecture, bringing high-performance computing, connectivity, and application flexibility together in a compact, rugged platform.

Built around an open **COM Express (COMe) architecture**, Magpie II brings enhanced processing capabilities, flexible I/O, and exceptional SWaP efficiency together in a rugged platform measuring **130 mm (W) × 60 mm (H) × 145 mm (L)** and weighing **≤1.3 kg**. **“Magpie II represents a significant advancement in rugged embedded computing, giving engineers the performance and flexibility to meet evolving defense and aerospace demands,”** said Mr. Pawan Seth, Director at Trident Infosol. Designed with conduction cooling, a **28VDC input**, and **<50W power consumption**, Magpie II delivers mission-ready performance in a compact, rugged form factor.

Availability

Magpie II is now available for orders and integration in both Magpie II-T and Magpie II-R variants. Customers can explore tailored configurations to address specific defense, aerospace, and embedded application requirements. <https://www.trident-sff.com/magpieII.html>. For more details, visit www.trident-sff.com or email info@trident-sff.com.

About Trident Infosol Pvt. Ltd.

Established in 2000, Trident Infosol is a trusted engineering solutions company with 25+ years of engineering excellence. An AS9100D and CEMILAC-certified organization, the company delivers end-to-end embedded hardware and software solutions for mission-critical applications across aerospace, defense, transportation, and industrial automation. From concept and design to manufacturing, integration, testing, and lifecycle support, Trident Infosol partners with customers to solve complex engineering challenges with precision and reliability. Trusted by customers in India and around the world, the company continues to invest in engineering innovation, advanced infrastructure, and world-class capabilities to deliver future-ready solutions.

Contact:

Praveen K. H
Sr. Marketing Manager
Trident Infosol Pvt. Ltd.

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