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PRESS RELEASE

Trident Infosol launches Raptor - X5 VNX+(VITA 90) Mission Critical Integrated System

Bangalore, India, Friday May 30, 2025

Trident Infosol proudly presents the VNX+ (VITA 90) System, a compact and rugged embedded platform designed for mission-critical aerospace and defense applications. Built to operate reliably in extreme conditions, it supports 19mm compute, I/O, and power modules on a modular 5-slot backplane, delivering high-performance processing and advanced I/O in a compact 178mm x 122mm x 174mm form factor, weighing just 3.3 ± 0.1 kg.

The VNX+ offers CPU options including Intel® i7-1185GRE and NVIDIA® Orin NX, with up to 16GB memory and 120GB storage. It supports Display, Ethernet, USB, and audio interfaces via Fischer and 38999 connectors for secure, reliable I/O.

Built from high-grade aluminum and finished to MIL specs, the VNX+ operates from -40°C to $+55^{\circ}\text{C}$ on 28 VDC, delivering a rugged, scalable solution for embedded aerospace and defense applications.

For further information about the VNX+ System and the rest of Trident's products and solutions, please visit our website <https://www.trident-sff.com/integratedsystem.html> or email us using info@tridentinfosol.com

About Trident Infosol Pvt. Ltd.

Trident Infosol is an AS9100D & CEMILAC Certified Company providing world class rugged product and system designs, developed, and deployed on land, at sea, and in air for close to 20 years. Trident has provided systems for customers around the world. Engineered with perfection, Trident products are intended for use in mission critical applications where they are tested and qualified per the requisite MIL specs and standards. Trident's services include Build- to-Print and Build-to-Spec as well as providing COTS or modified backplanes, power supplies, health monitors, development and industrial chassis, rugged ATR enclosures, storage and rugged NAS, workstations, Ethernet switches, full sub-systems: 6U VME, 6U VPX, 3U VPX, VNX and more.

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