



SAAB



RVC-XD

Rugged Cross Domain Computer

Designed for the harshest operational environments, this fully ruggedized edge computer provides a secure and reliable foundation for mission-critical data exchange. Developed for vehicle-level deployment and tactical edge operations, it delivers the physical resilience and processing performance required to operate without compromise in demanding conditions.

As a cross-domain computer designed for use with Saab TactiGuard XD, the solution enables strict separation between two networks operating at different classification levels.

By combining robust hardware with secure system architecture, it ensures uncompromising data protection while supporting critical operations where reliability, security, and performance are paramount.

Core features:

- Intel® Core TM i5-3600HRE, 2.7GHz/ 12 cores (4 Power+ 8 Efficient)
- NVMe disk, M.2
- TPM2.0
- 2x10/100/1000Base-TX Ethernet
- MIL-STD-810 and MIL-STD-461
- Operating temp -40°C to +60°C



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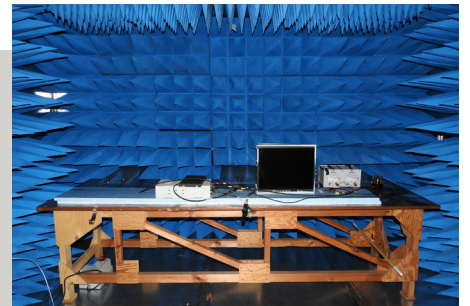
SAAB TACTIGUARD

Optimized for seamless integration with the Saab TactiGuard application, this combined solution delivers a turnkey Cross Domain Solution (CDS). Whether bridging unclassified and classified networks or securing sensor data in the field, our platform ensures that your information remains synchronized, yet fully protected against any lateral threat.

RELIABLE OPERATIONS

Our ruggedized computer portfolio includes the most reliable solutions for your critical applications. Built to comply with Mil-STD-461 and MIL-STD-810 and beyond meanwhile delivering full performance.

Fully ITAR-free and built with our own IP and in-house production, we ensure total control over quality, innovation, and supply—today and tomorrow.



FLEXIBLE SOLUTIONS



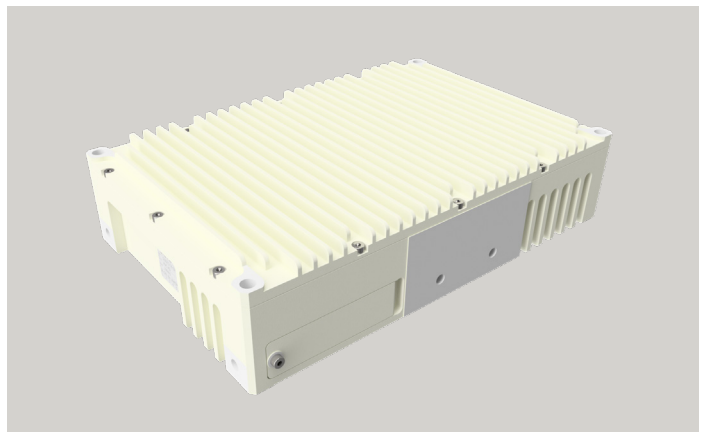
Over the years we have developed a design concept that opens up for adaptations to meet our customers exact needs in terms of connector type or specific pinout, additional interfaces or outer casing surface treatment with a minimum of effort from our side.

Contact us to discuss your dedicated needs.

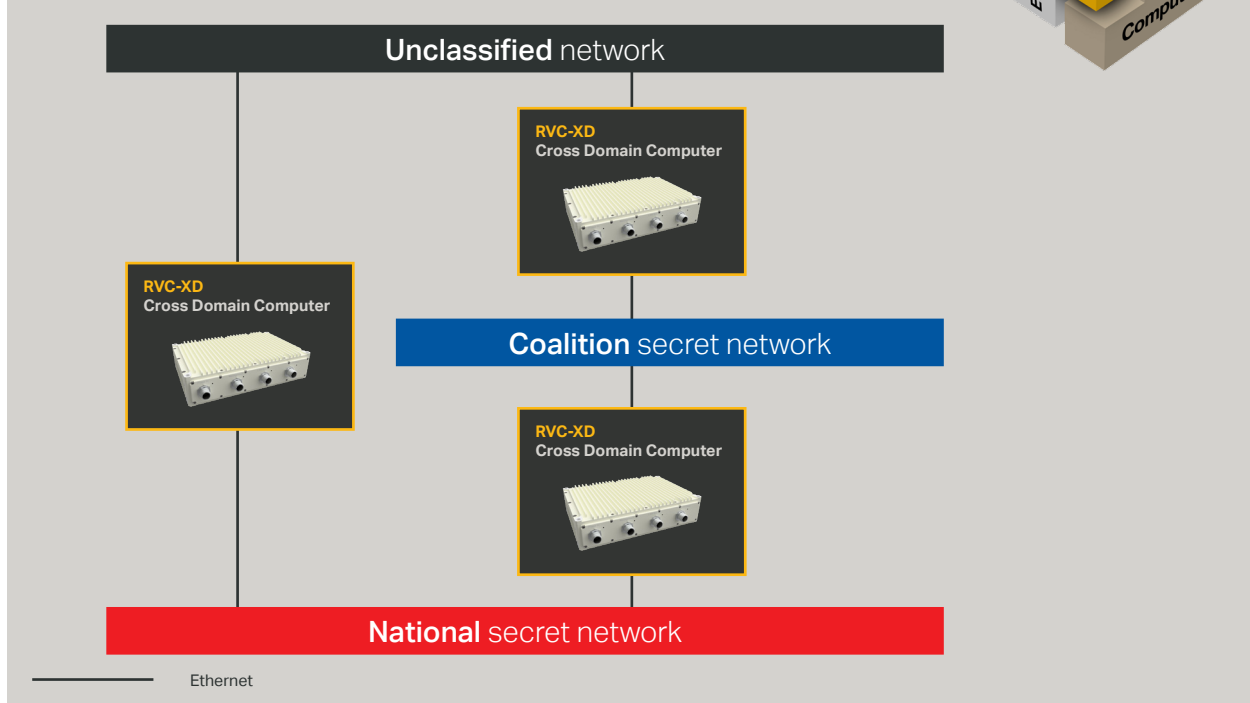
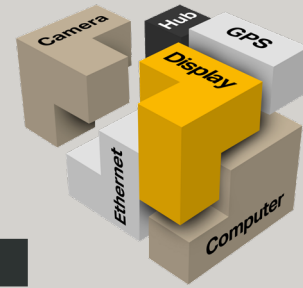
RVC-XD Dimensions

- Height: 74 mm
- Width: 308 mm
- Depth: 207 mm
- Weight: 5 kg (approx.)

RVC-XD - Rear view



Saab Tactical Electronics portfolio offers building blocks according to open standards to create your dedicated system.



Specifications – Rugged Vehicle Computer Cross Domain

Intel® Core™ i5-3600HRE, 2.7GHz/12 cores (4P+8E)	Operating temperature: -40°C to +60°C
Trusted Platform Module, TPM 2.0	Storage temperature: -46°C to +71°C
SDRAM 16-48 GB DDR4-3200 (IBECC)	Sealed housing, IP65
NVMe M.2 disk	Comply to MIL-STD-810 and MIL-STD-461
Power input according to MIL-STD-1275	MIL-C-38999 series III connector, Electroless Nickel
X1 – power input	
X2 – configuration port	
X3 – LAN Red	
X4 – LAN Black	

Specifications subject to change without notice.
 Company confidentiality: Company unclassified
 Defence secrecy: Not classified