

TrustBox Edge 101

The Scalys TrustBox Edge 101 is an Industrial grade, tamper-resistant secured Azure IoT Edge device optimized for confidential computing using enclaves.

TrustBox Edge comes pre-loaded with Open Enclave SDK and is Azure IoT Edge ready so you can immediately focus on your confidential computing workloads.



KEY BENEFITS

- Optimized Price-Performance
- Secure foundation
- Longevity support (10+ years)
- Industrial temperature grade
- Azure IoT Edge certified



SECURITY

- Strong IoT security implemented
- ARM® TrustZone®
- Protect data when in use, storage and at rest (Confidential Computing)



TECHNICAL FEATURES

- NXP™ QorIQ LS1012A
- Single core
- 64-bit ARM™ Cortex®-A53 network Processor 800 MHz Core operation



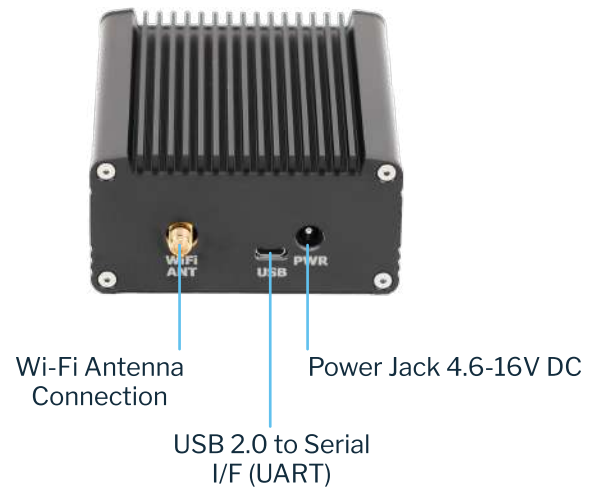
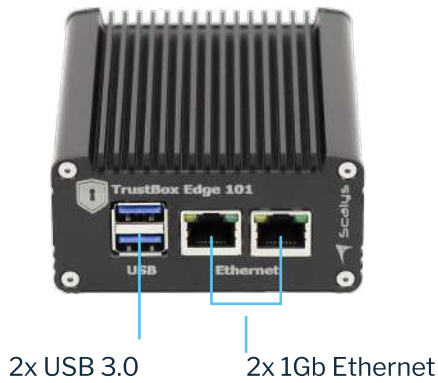
TYPICAL APPLICATIONS

- Industrial Network Infrastructure (control & monitoring)
- BMS gateway (Building Management System)
- Edge computing infrastructure (AI & ML)
- Secure router

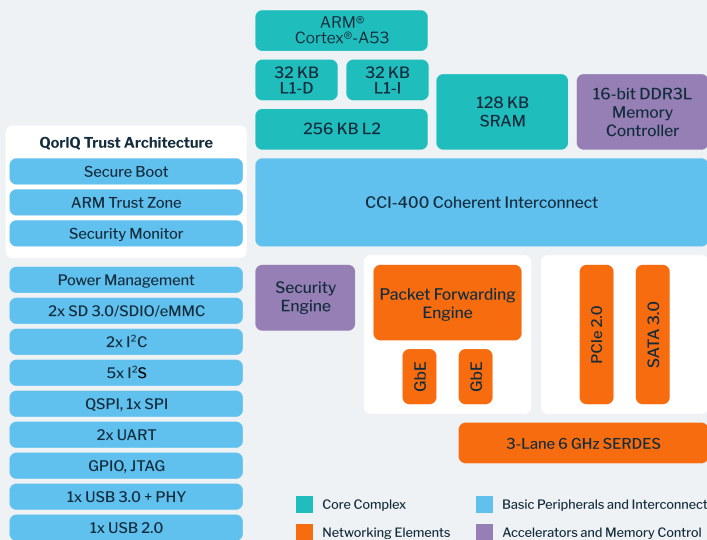
SECURITY IS CRUCIAL FOR TRUST AND INTEGRITY

TrustBox Edge 101 offers complete end-to-end security featuring cutting-edge hardened hardware platform and software level of security. TrustBox Edge leverages NXP's Trust Architecture to deliver a strong security foundation for devices deploying containers and microservices. The solution simplifies the process of establishing a hardware-based secure domain to isolate security-critical functions, resources, and peripherals.





CPU AND PERIPHERALS



WHAT'S IN THE BOX

- TrustBox Edge device
- 8 GB MicroSD card with pre-loaded Open Enclave SDK
- Power supply with EU, UK, US adaptor plugs
- Wi-Fi antenna
- Quick start guide



Scalys is the leader in cyber-secure communication. Our hardware-hardened solutions secure companies around the globe and protect them from cyber threats. Our products are Secure by Design. To ensure that devices are protected from the outset, cyber security must be addressed from the start of design. Through continuous innovation, collaboration and development, we ensure our position as the leader in the market.

For more information visit: scalys.com
 Scalys B.V.
 A: Amarilstraat 14, 7554TV Hengelo
 T: +31 (0)74 2555 712