

TrustBox Edge 401

The Scaly's TrustBox Edge 401 is the high-computing successor of the TrustBox Edge. It is ideally suited for higher computing workloads at the Edge while running securely complex Artificial Intelligence (AI) and Machine Learning (ML) applications. TrustBox Edge 401 is an Industrial grade, secured Azure IoT Edge device optimized for Confidential Computing using enclaves.



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®
- Protection of IP (e.g. AI / ML models)
- Protect data when in use, storage and at rest (Confidential Computing)



TECHNICAL FEATURES

- NXP™ QorIQ LS1046 Quad core A72
- 64-bit ARM™ 1.6Ghz/ 4 GiB DDR4
- 512 MB NAND Flash
- 64 MB QSPI



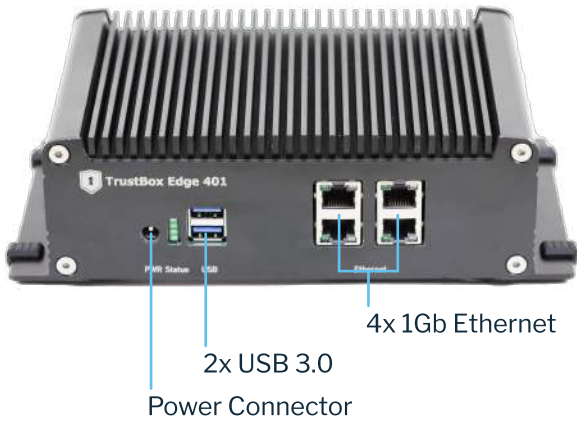
TYPICAL APPLICATIONS

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

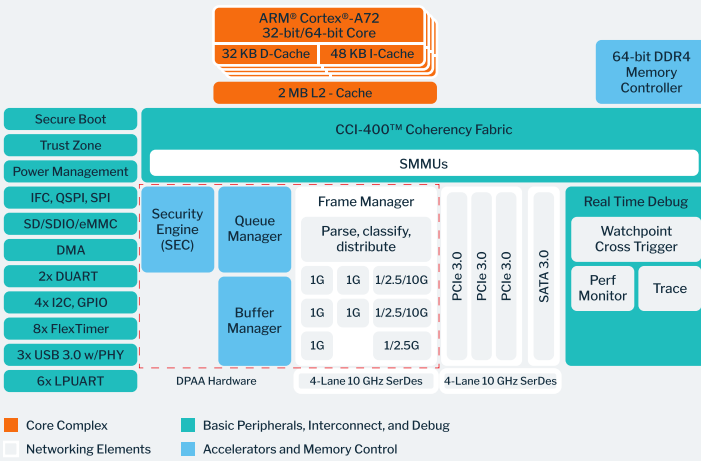
SECURITY IS CRUCIAL FOR TRUST AND INTEGRITY

TrustBox Edge 401 offers complete end-to-end security featuring cutting-edge hardened hardware platform and software level of security. TrustBox Edge 401 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. TrustBox Edge 401 pre-installs Azure IoT Edge runtime and Open Enclave SDK.





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
- 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

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