About Kontron

Kontron is a global leader in embedded computing technology (ECT). As a part of technology group S&T, Kontron offers a combined portfolio of secure hardware, middleware and services for Internet of Things (IoT) and Industry 4.0 applications. With its standard products and tailor-made solutions based on highly reliable state-of-the-art embedded technologies, Kontron provides secure and innovative applications for a variety of industries. As a result, customers benefit from accelerated time-to-market, reduced total cost of ownership, product longevity and the best fully integrated applications overall.

For more information, please visit: [www.kontron.com](http://www.kontron.com)
TRACe™ offers a range of rugged and flexible railway computers for integrators and system designers to easily customize and rapidly deploy specialized applications and new infrastructures. Already verified and in operation worldwide, the TRACe™ product line addresses the broadest range of modern, connected rolling stock applications through easily customiz able, EN50155 pre-certified (EMC, EMI, climatic, shock and vibrations), application-oriented computer profiles - allowing multiple applications to run on the same platform, such as:

- Video Surveillance: Recording and Distribution (Storage, Processing)
- Passenger Infotainment systems
- Train Control & Monitoring Systems, Train-to-Ground communication
- Asset Management and Predictive Maintenance

Explore more of our Transportation solutions: https://www.kontron.com/industries/transportation

KONTRON’S BUILDING BLOCKS APPROACH MEANS YOU WILL BENEFIT FROM:

**FLEXIBILITY**
Cost-effective design customization with flexible I/O, memory, storage and power enables rapid time to deployment.

**SIMPLICITY**
All TRACe™ are EN50155-certified and utilize the same set of long term available modular building blocks and APIs.

**STABILITY**
Our focus on quality means reliability and longer product lifecycles. Roadmapped long-term invariability facilitates mid-life retrofits and technology upgrades.

**PERFORMANCE**
High-density, low-power, rugged design based on latests Intel Atom® and Intel® Core™ i7/i5/i3 technology. Dedicated micro-controller for Health Management means it keeps performing.

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**TRACe M304-TR**
Rolling-Stock Management Computer for Train Control and Monitoring
- 2 Gigabit Ethernet LAN + (2T2R) WLAN 802.11 a/b/g/n
- Can act as a MVB/LAN/Wi-Fi gateway

**TRACe V40X-TR**
Network Video Recorder for IP Video and Surveillance
- More than 100 H.264 IP cameras videos stream @1 Mbps
- Up to 4x 2.5” removable disks
- Support both Intel Atom® E3900 series and 6th gen Intel® Core® i7/i5/i3

**TRACe G304-TR**
Certified Gateway for Telemetry, Station and Train Control or Infotainment
- 2 Gigabit Ethernet LAN + enhanced (3T3R) WLAN 802.11 a/b/g/n
- WWAN with dual SIM support: LTE (4G)/HSPA+/GSM/GPRS/EDGE/EV-DO +
- Supports GPS location solutions on 4G modem: A-GPS, gprs XTRA and Glonass

**TRACe B40X-TR**
Integrator-friendly Baseline Operational Computer
- Open slots for flexible I/O connectivity
- Modular construction (accepts custom faceplate, I/O panels or PSUs)
- Support both Intel Atom® E3900 series and 6th gen Intel® Core® i7/i5/i3

**TRACe HMID104**
Rugged Display Computer for Mobile Applications such as Driver Display
- 10.4” TFT display with anti-vandal glass
- Projected Capacitive Touch, Keyboard according to UIC612
- IP65 protected on front / IP54 on other faces