

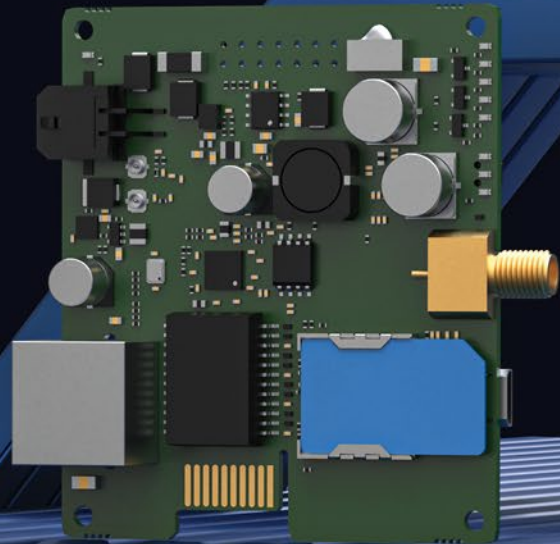
OXA

EMBEDDED IOT GATEWAY



OXA 360° VIEW

The Teltonika Oxa is a compact embedded IoT gateway designed for OEM and industrial integrations requiring reliable cellular connectivity in a space-efficient form factor. Equipped with LTE Cat 4, Gigabit Ethernet, RutOS, and RMS compatibility, this gateway delivers secure networking, centralized remote management, and flexible industrial communication capabilities. Built for device manufacturers and project-based applications, it simplifies adding cellular connectivity to host equipment without custom module-level development or modifying a boxed gateway.



SEAMLESS INTEGRATION

Embed reliable cellular connectivity directly into your own device

FEATURE-RICH OS

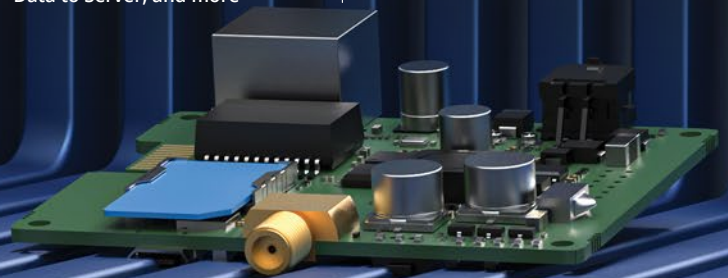
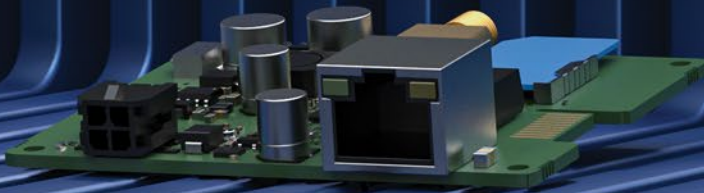
Enable out of the box mobile connectivity with remote management

INDUSTRIAL PROTOCOLS

Ensure industrial integration with Modbus, DNP3, OPC UA, Data to Server, and more

COMPACT FOOTPRINT

Effortlessly fit into space-constrained industrial equipment



KEY FEATURES

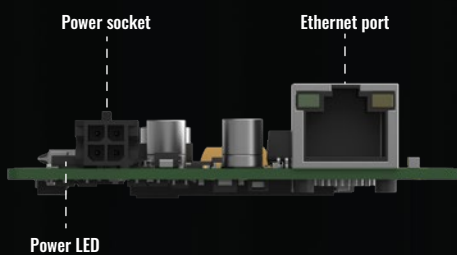
HARDWARE

Mobile	4G LTE Cat 4 up to 150 DL/50 UL Mbps; 3G up to 21 DL/5.76 UL Mbps; 2G up to 236.8 DL/236.8 UL kbps
CPU	ARM Cortex-A7 1.3 GHz
Storage	128 MB
Memory	512 MB
Powering options	4-pin industrial DC power socket, 9 – 30 VDC
SIM	1 x Internal SIM holder (2FF), 1.8 V/3 V
Antenna connectors	1 x SMA for mobile
Ethernet	1 x 10/100/1000 Ethernet port
Inputs/Outputs	4-pin socket: 1 x Digital input, 1 x Digital open collector output
Other	1 x Virtual network interface via micro USB
Status LEDs	3 x Connection type, 5 x Signal strength, 2 x Ethernet, 1 x Power
Operating temperature	-40 °C to 75 °C
Dimensions (W x H x D)	70 x 18.2 x 67.7 mm
Weight	36 g

SOFTWARE

Operating system	RutOS (OpenWrt based Linux OS)
Mobile features	Status, SMS, USSD, Block/Allow list, Multiple PDN, Band management, SIM PIN code management, APN, Bridge, Passthrough
Network features	Routing, Network protocols, VoIP passthrough support, Connection monitoring, Firewall, Firewall status page, Port management, Network topology, Hotspot, DHCP, QoS / Smart Queue Management (SQM), DDNS, DNS over HTTPS, Network backup, SSHFS, Traffic Management
Security	Authentication, Firewall, Attack prevention, VLAN, Mobile quota control, WEB filter, Access control, Certificate Manager
VPN and tunneling	OpenVPN, OpenVPN Encryption, IPsec, GRE, PPTP, L2TP, Stunnel, DMVPN, SSTP, ZeroTier, WireGuard, Tinc
Monitoring and Management	WEB UI, FOTA, SSH, SMS, Call, TR-069, MQTT, SNMP, JSON-RPC, RMS
Cloud solutions	RMS, ThingWorx, Cumulocity - Cloud of Things, Azure IoT Hub, AWS IoT Core
Services	BACNET, OPC UA, DNP3, MODBUS, DATA TO SERVER, Modbus MQTT GATEWAY, DLMS/COSEM, API

TOP VIEW



LEFT VIEW

