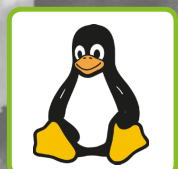


ICR-4000 SERIES

NEW 5G READY HIGH SPEED ROUTER PLATFORM
& POWERFUL EDGE COMPUTING GATEWAY



- LTE ADVANCED PRO CELLULAR CONNECTIVITY
- DOWNLOAD SPEED UP TO 1Gbps
- QUAD-CORE CPU
- ENHANCED MEMORY & STORAGE
- 5x GIGABIT ETHERNET WITH OPTIONAL 4x PoE
- SFP FIBRE PORT, USB, GNSS RECEIVER
- RS232, RS485, CAN BUS, 2x DI, 2x DO
- 2x SIM, eSIM READY
- OPTIONAL DUAL BAND WI-FI 802.11AC



APPLICATIONS

- TRANSPORTATION - HIGH SPEED GATEWAY FOR ON-BOARD DEVICES AND INTERNET ACCESS
- POWERFUL EDGE COMPUTING GATEWAY - DOCKER, NODE-RED, PYTHON
- HIGH DEMAND NETWORKING APPLICATIONS - CCTV SYSTEMS, FIBRE BACKUP



BACK

FRONT

KEY FEATURES

- Powerful Quad-Core CPU and enhanced memory
- High speed platform: Ready for 5G
- Powerful edge computing gateway
- LTE Advanced Pro with download speed up to 1Gbps
- 5x Gigabit ETH, 1x Fibre SFP slot
- Optional PoE for 4x ETH
- Optional MiMo Wi-Fi – AC, Dual band AP

SOFTWARE AND SECURITY:

- Based on „Conel OS“ Firmware to support all existing features within Advantech Router & Gateway families
- Fully featured and hardened secure Linux OS
- Node-RED, Python, ...
- Secure boot
- Platform to host Docker applications



TECHNICAL DATA

CPU	Marwell ARMADA® 7K 88F7040 Quad-Core ARM Cortex-A72 1.2 Ghz
RAM	1 to 2 GB (TBD)
STORAGE	eMMC 4GB and more (TBD)
INTERFACES	1x Gigabit ETHERNET 4x Gigabit ETHERNET switch – optional POE PSE 1x SFP slot fibre 1x USB 2.0 host I/O ports: 2x DI, 2x DO Serial ports: 1x RS232, 1x RS485, 1x CAN bus GNSS receiver 2x SIM slot, eSIM ready design Micro SD card slot Optional MIMO Wi-Fi – AC, Dual band AP
METAL CASING (mm)	195x109x47



LUCOM GmbH
 Flößaustraße 22a
 90763 Fürth

Tel. +49 911 957 606 - 00
 E-Mail: info@lucom.de
www.lucom.de



Mehr Informationen auf www.lucom.de

MEMBER OF exceed