MT-RBLTAP-LTE7

MikroTik LtAP LTE7 kit 3 SIM 2 mPCIe and GPS Router

Product Overview

MikroTik LtAP LTE7 kit 3 SIM 2 mPCIe and GPS Router, LtAP-2HnD&R11e-LTE7, Operating System RouterOS V7, 128 MB RAM, 16 MB storage size, DC inputs - DC jack / PoE-in / automotive, 2x2 MIMO DL, 1x1 MIMO UL, Wi-Fi 4, 300 Mbit/s 2.4GHz Max Data rate, 1x Gigabit Ethernet Port, 3 SIM slots, 2 Mini PCI-e slots, RS232 Serial Console Port, 1x USB Ports





Specifications

Overview Summary:

The MikroTik LtAP LTE7 kit is a compact, heavy-duty LTE router ideal for vehicle networking and fleet management in South Africa. Featuring a built-in GPS, three SIM slots for seamless roaming, and two Mini PCI-e slots for expansion, this router ensures high-speed connectivity even in remote areas. Rugged and weatherproof with IP54 protection, it supports Wi-Fi 4 at 300 Mbps and a Gigabit Ethernet port for reliable on-the-go networking. Buy now to enhance your vehicle communications and tracking capabilities effortlessly.

Its versatility is unmatched with multiple power inputs including DC jack, PoE-in, and automotive connections, making it suitable for almost any environment. Powered by RouterOS v7, you can configure advanced networking, GPS data handling, and automation scripts without subscriptions. Shop now to bring robust connectivity and full control to your fleet or mobile operations.

Performance tier: Premium

Uses: Fleet tracking, vehicle networking, mobile video systems, asset security, location monitoring, outdoor connectivity

Overview:

MikroTik LtAP LTE7 Kit - Reliable Mobile Networking with GPS Tracking
The MikroTik LtAP LTE7 kit is a rugged, compact LTE access point designed for vehicles, outdoor deployments, and industrial applications. Upgraded with a high-speed LTE Category 7 modem, this device delivers faster uploads, improved connectivity in rural and congested areas, and flexible deployment options. Its durable IP54-rated casing, built-in GPS, and versatile power inputs make it ideal for fleet tracking, mobile video systems, and asset monitoring without the complexity or cost of larger networking equipment.

Description:

This LTE7 kit supports three SIM slots for seamless automatic roaming, two Mini PCI-e slots for expansion, and multiple power options including DC jack, Passive PoE-in, and automotive connectors. Built-in GPS enables precise tracking, while external antennas can be added for extended coverage. Powered by RouterOS v7, it provides advanced networking capabilities such as firewalling, VPNs, VLANs, routing, and GPS data handling with full configuration flexibility. Compact yet robust, it is perfect for vehicles, transport fleets, agricultural machinery, and public transport systems.

Features:

Performance and Connectivity

- LTE Category 7 modem delivers download speeds up to 300 Mbps and upload speeds up to 100 Mbps.
- 2x2 MIMO downlink and 1x1 MIMO uplink for improved signal reliability.
- 3G R8 support for backward compatibility in areas without LTE coverage.
- Wi-Fi 4 (802.11b/g/n) provides 2.4 GHz wireless connectivity up to 300 Mbps.
- Gigabit Ethernet port for wired networking needs.

Design for Harsh Environments

- IP54-rated weatherproof enclosure suitable for outdoor and automotive use.
- Compact, durable housing keeps the device discreet in busy environments.
- Tested for extreme temperatures from -40degrees C to 70degrees C, ensuring reliability in diverse climates.

Flexible Expansion Options

- Two Mini PCI-e slots allow additional LTE modems, 5 GHz Wi-Fi cards, or other network interfaces.
- Three Mini SIM slots enable continuous connectivity across borders or multiple carriers.
- U.FL connectors for optional external LTE antennas to boost long-range coverage.

Power Adaptability

- Supports DC jack (12-30 V), automotive input (12-27 V), and Passive PoE.
- Low power consumption of 12 W under normal operation and up to 24 W with attachments.
- Can be powered from portable power banks for field deployments.

Advanced RouterOS v7 Capabilities

- Full suite of networking tools including firewall, VPN, VLAN, DHCP, routing policies, and notifications.
- Customizable scripts and GPS data processing allow automated, location-based management.
- No subscription required, offering complete functionality and flexibility for advanced setups.

Technical Details

- CPU: MT7621AT, 2 cores, 880 MHz, 4 threads
- RAM: 128 MB, Storage: 16 MB FLASH
- Serial console port: RS232, USB type A port with 1A output
- Certification: CE, EAC, ROHS

The MikroTik LtAP LTE7 kit combines speed, durability, and flexibility, making it a trusted solution for mobile networking, fleet management, and real-time tracking applications across automotive, industrial, and outdoor environments.

Specifications:

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Specifications	
Product Code	MT-RBLTAP-LTE7
Specifications	
Product code	LtAP-2HnD&R11e-LTE7
Architecture	MMIPS
CPU	MT7621AT
CPU core count	2
CPU nominal frequency	880 MHz
CPU Threads count	4
RouterOS license	4
Operating System	RouterOS v7
Size of RAM	128 MB
Storage size	16 MB
Storage type	FLASH
MTBF	Approximately 200'000 hours at 25C
Tested ambient temperature	-40degreesC to 70degreesC
Powering	
Number of DC inputs	3
	(DC jack, PoE-IN, Automotive)
DC jack input Voltage	12-30 V
Automotive input Voltage	12-27 V
Max power consumption	24 W
Max power consumption without attachments	12 W
PoE in	Passive PoE
Cooling type	Passive
PoE in input Voltage	12-30 V
Mobile	
3G Category	R8 (DL: 42.2 Mbps , UL: 5.76 Mbps)
3G bands	1 (2100 MHz)
	3 (1800 MHz)
	5 (850 MHz)
	8 (900 MHz)
LTE Category	7 (DL: 300 Mbps , UL: 100 Mbps)
MIMO DL	2x2
MIMO UL	1x1

LTE FDD bands	1 (2100 MHz)
	3 (1800 MHz)
	5 (850 MHz)
	7 (2600 MHz)
	8 (900 MHz)
	20 (800 MHz)
	28 (700 MHz)
	32 (1500 MHz)
LTE TDD bands	38 (2600 MHz)
	40 (2300 MHz)
	41 (2500 MHz)
TAC	35312597
Wireless specifications	
Wireless 2.4 GHz Max data rate	300 Mbit/s
Wireless 2.4 GHz Number of chains	2
Wireless 2.4 GHz standards	802.11b/g/n
Antenna gain dBi for 2.4 GHz	2.5
Wireless 2.4 GHz chip model	AR9382
Wireless 2.4 GHz generation	Wi-Fi 4
Ethernet	
10/100/1000 Ethernet ports	1
Peripherals	
Number of SIM slots	3
	Modem
	(Mini SIM)
MiniPCI-e slots	2
Serial console port	RS232
Number of USB ports	1
USB Power Reset	Yes
USB slot type	USB type A
Max USB current (A)	1
Other	
PCB temperature monitor	Yes
Voltage Monitor	Yes
GNSS standards	GPS
Certification & Approvals	
Certification	CE, EAC, ROHS

IP	54
Included parts	24V 1.2A power adapter
	K-67 fastening set
	0.35m 4pin Automotive adapter cable

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/MT-RBLTAP-LTE7-MikroTik-LtAP-LTE7-kit-3-SIM-2-mPCIe-and-GPS-Router-p-335012.php

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