Product comparison





Name	LtAP mini LTE kit	LtAP mini 4G kit	LtAP 4G kit
10/100 Ethernet ports	1	1	N/A
10/100/1000 Ethernet ports	N/A	N/A	1
2G Category	Class12	N/A	N/A
3G Category	R7 (21Mbps Downlinks, 5.76Mbps Uplink)	N/A	N/A
802.11b	Yes	Yes	Yes
802.11g	Yes	Yes	Yes
802.11n	Yes	Yes	Yes
Antenna gain	1.5	1.5	2.5
Antenna header count	1	1	3
Architecture	MIPSBE	MIPSBE	MMIPS
Automotive input Voltage	N/A	N/A	12-30 V
CPU	QCA9531	QCA9531	MT7621A
CPU Threads count	N/A	N/A	4
CPU core count	1	1	2
CPU nominal frequency	650 MHz	650 MHz	880 MHz
Can be used indoors	Yes	Yes	Yes
Can be used outdoors	Yes	Yes	Yes
DC jack input Voltage	8-30 V	8-30 V	12-30 V
Dimensions	139 x 77 x 28,5 mm	139 x 77 x 28,5 mm	N/A
LTE Category	4 (150Mbps Downlink, 50Mbps Uplink)	4 (150Mbps Downlink, 50Mbps Uplink)	4 (150Mbps Downlink, 50Mbps Uplink)
LTE FDD bands	1 (2100MHz) / 2 (1900MHz) / 3 (1800MHz) / 7 (2600MHz) / 8 (900 MHz) / 20 (800MHz)	3 (1800MHz) / 7 (2600MHz) / 20 (800MHz) / 31 (450MHz)	3 (1800MHz) / 7 (2600MHz) / 31 (450MHz) / 20 (800MHz)
LTE TDD bands	38 (2600MHz) / 40 (2300MHz)	41n (2500MHz) / 42 (3500MHz) / 43 (3700MHz)	42 (3500MHz) / 41n (2500MHz) / 43 (3700MHz)
License level	4	4	4
Max Power consumption	N/A	N/A	12 W
Max USB current (A)	1	1	1
Max power consumption (W)	9 W	9 W	24 W
MicroUSB input Voltage	5-5 V	5-5 V	N/A
MiniPCI-e slots	1	1	2
Mode button	Yes	Yes	N/A
Number of DC inputs	3	3	3
Number of SIM slots	2	2	3
Number of USB ports	1	1	1
Operating System	RouterOS	RouterOS	N/A
PCB temperature monitor	N/A	N/A	Yes
PoE in	802.3af/at	802.3af/at	Passive PoE
PoE in input Voltage	12-57 V	12-57 V	12-30 V
SIM purpose	Modem	Modem	Modem
SIM slot type	Mini SIM	Mini SIM	Mini SIM
Serial port	RS232	RS232	RS232
Size of RAM	64 MB	64 MB	128 MB
Storage size	16 MB	16 MB	16 MB
Storage type	FLASH	FLASH	FLASH
TX power	**2.4 GHz** TX / RX **1MBit/s** 22 -96 **11MBit/s** 22 -89 **6MBit/s** 20 -93 **54MBit/s** 18 -74 **MCS0** 20 -93 **MCS7** 16 -71	**2.4 GHz** TX / RX **1MBit/s** 22 -96 **11MBit/s** 22 -89 **6MBit/s** 20 -93 **54MBit/s** 18 -74 **MCS0** 20 -93 **MCS7** 16 -71	**2.4 GHz** TX / RX **1MBit/s** 25 -100 **11MBit/s** 25 -94 **6MBit/s** 26 -96 **54MBit/s** 23 -78 **MCS0** 26 -96 **MCS7** 22 -73
Tested ambient temperature	-40°C to 70°C	-40°C to 70°C	-40°C to 70°C
USB Power Reset	Yes	Yes	Yes
USB slot type	microUSB type AB	microUSB type AB	USB type A
Voltage Monitor	N/A	N/A	Yes
Wi-Fi generation	4	4	4
Wireless 1 Max data rate	300 Mbit/s	300 Mbit/s	300 Mbit/s
Wireless 1 Number of chains	2	2	2
Wireless 1 band	2.4 GHz	2.4 GHz	2.4 GHz
Wireless chip model	QCA9531	QCA9531	AR9382
Wireless standards	802.11b/g/n	802.11b/g/n	802.11b/g/n

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