



SLK-A910 Series

Industrial Grade

Outside 4G CPE Data Sheet



Product Introduction

Introduction:

SLK-A910-LTE is an industrial-grade high-speed wireless router based on GPRS/CDMA/WCDMA/EVDO/LTE cellular mobile network to provide users with high-speed wireless Internet and wireless data transmission functions. This product adopts industrial-grade dedicated communication Qualcomm Atheros IPQ4019 710MHz CPU processors, industrial-strength wireless mold piece, the LINUX embedded real-time operating system, support a SIM card interface, four LANs, a WAN port, a USB interface and 2.4G&5.8 High power WIFI interface, at the same time provide LAN port equipment or WIFI Internet or data transmission function.

It also adopts wide temperature, wide voltage input and EMC test with electromagnetic compatibility.

Has been widely used in the Internet of things industry chain of M2M industry, such as self-service terminals, smart grid, smart transportation, smart home, financial, mobile POS terminals, supply chain automation, industrial automation, intelligent buildings, fire control, public security, environmental protection, meteorology, digital medical treatment, telemetry, military, space exploration, agriculture, forestry, water, coal, petrochemical and other fields.

Features:

- ✓ Qualcomm Quad-core CPU/ 710MHz
- ✓ 2x2 MU-MIMO On-board WiFi 2.4GHz radio, up to 574Mbps physical data rate
- ✓ 2x2 MU-MIMO On-board WiFi 5GHz radio, up to 1210Mbps physical data rate
- ✓ 1 x 10/100/1000M Ethernet POE Ports

Details:

Hardware :

Hardware	
CPU	Qualcomm Quad-core CPU/ 710MHz
RAM	256MB
NOR Flash	32MB
OS	LINUX latest version

WIFI Performance:

WIFI supported	
Wireless	High power WiFi performance On-board 2x2 2.4GHz 802.11b/g/n, max 25dBm per chain, and On-board 2x2 5GHz 802.11a/n/ac, max 27dBm per chain
Frequency	2.412GHz to 2.472GHz and 5.150GHz to 5.825GHz, simultaneous dual band
WIFI Rate	2x2 MU-MIMO On-board WiFi 2.4GHz radio, up to 574Mbps physical data rate, TCP data up to 400Mbps
	2x2 MU-MIMO On-board WiFi 5GHz radio, up to 1210Mbps physical data rate, TCP data rate up to 800Mbps
Modulation Techniques	802.11b: DSSS (DBPSK / DQPSK / CCK) 802.11a/g: OFDM (BPSK / QPSK / 16-QAM / 64-QAM) 802.11ac/n: OFDM (BPSK / QPSK / 16-QAM / 64-QAM / 256-QAM)

Cellular Interface:

Cellular Interface		
Band Supported	4G/3G/2G Version	<ul style="list-style-type: none"> •Supported TDD-LTE B38/B39/B40/B41 •Supported FDD-LTE B1/B3/B7/B8/B20/B28 •Supported WCDMA/HSDPA/HSPA+ B1/B8 •Supported GSM/GPRS/EDGE 900/1800 MHz
Theory of Bandwidth	<ul style="list-style-type: none"> • LTE CAT4- DL: 50Mbps, UL: 150Mbps • TD-HSDPA/HSUPA-DL: 2.2 Mbps, UL: 2.8 Mbps • HSPA+-DL: 5.76 Mbps, UL: 42 Mbps • WCDMA - DL/UL: 384Kbps • CDMA2000/EVDO DL: 1.8 Mbps, UL: 3.1 Mbps 	
Router characteristics		
Firewall	Network Address Translation (NAT)	
	State full Packet Inspection (SPI)	
Media Access Control	CSMA/CA with ACK	
VPN protocol	PPTP,L2TP Client	
DHCP	Build-in DHCP (Dynamic Host Configuration Protocol)	
Others protocol	Supported PPP,PPOE, DDNS,ICMP,VRRP etc	

Interface:

Interface	
LAN/WAN □	1 x 10/100/1000M POE port

Reset	1x Reset
Antennas	2x 4G Antennas (50Ω SMA interface)
	2x 2.4G/5.8G WiFi Antennas (50Ω SMA interface)
SIM slot	Supported 1.8/3.3V SIM card

Power interface :

Power	
Default power	DC 12V/2A power adapter (US,EU etc stander option)
Input VDC	6~28VDC
Power Consumption	16W (Max)

Physical property:

Physical property:	
Operating Temperature	Storage Temperature: (-40°C to 90°C)
	Operating Temperature: (-30°C to 75°C)
Relative Humidity	95%
Size	L*S*H: 184mm x115mm x 45mm
Weight	Net weight:0.7KG
	Packing weight: 1.5kg
Certification	CCC,CE,FCC,RHOS

Others:

other	
Warranty	2 years
Package contains	Seriallink Router,1.5m long RJ45 Cable,12V/2A Power Adapter,Antennas User manual(Option choose PDF)

Order information:

Model	LAN/WAN	SIM slot	WIFI ANT	4G ANT
SLK-A910-LTE	5	1	2	2

Thank you for your support of SERIALLINK products.

If you have any questions, please email: info@seriallink.net or www.seriallink.net