



SLK-E980 Series

Industrial Grade

Outdoor 4G CPE

Data Sheet

Product Introduction



Introduction:

SLK-E980-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 Quad-core CPU/ 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 (Bytes)
NOR Flash	32MB (Bytes)
Nand Flash	128MB (Bytes)
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/B5/B8 • Supported FDD-LTE B1/ B3/ B5/ B7/ B8/ B20 • Supported FDD-LTE B1/ B2/ B3/ B4/ B5/ B7/ B8/ B28 • Supported TD-SCDMA B34/B39 • Supported WCDMA/HSDPA/HSPA+ B1/B8 • Supported CDMA 1X/EVDO BC0 • Supported GSM/GPRS/EDGE 900/1800 MHz Private network version: TDD1.4G/1.8G 360-380MHz/360-380MHz/512MHz-582MHz 1430MHz-1444MHz Depending on the country's operators, the spectrum will be chosen
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 (N model interface)
	2x 2.4G/5.8G WiFi Antennas (N model 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	10W (Max)

Physical property:

Physical property:	
Operating Temperature	Storage Temperature: (-40°C to 85°C)
	Operating Temperature: (-30°C to 75°C)
Relative Humidity	95%
Size	L*S*H: 210mm x130mm x 60mm (outside dimension)
Weight	Net weight:1KG
	Packing weight: 2kg
Certification	CCC,CE,FCC,RHOS

Others:

other	
Warranty	2 years
Package contains	SERIALLINK Router,1M Long Cable ,POE Power adapter ,N model WIFI Antennas , N model 4G Antennas, Clamp installation steel belt, instruction (optional electronic file),

Order information:

Model	LAN/WAN	SIM slot	WFI ANT(N Model)	4G ANT (N Model)
SLK-E980-LTE				
Notice: The price varies by frequency band	1	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