



SL718

LTE CPE ROUTER

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SL718 4G Wireless Router



Product main specification:

- Band support: modular designing which can support multiple bands for Global requirement
- FDD-LTE, TDD-LTE, WCDMA, EVDO&CDMA, GSM
- Network: FDD-LTE 150Mbps/50Mbps, TDD-LTE 130Mbps/35Mbps
- WIFI: 2.4Ghz only or 2.4GHz&5GHz for option
- b/g/n or a/b/g/n/ac (for option)
- Compatible with external antenna: two backups external antennas for LTE
- Ethernet: 1 GE WAN + 3 GE LAN
- Voice: CS/VoLTE/VOIP

Function:

- Quickly use with SIM Card inserted solve all the network connecting problems.
- 4G converted to Wi-Fi and Ethernet
- Maximum 32 Wireless Users simultaneously
- High speed Internet with Up to 150Mbps DL
- CS Voice VoLTE/VoIP



Quickly connect the network with SIM card inserted



4G converted to ethernet , enjoy with the high speed network



4G converted to WIFI , wireless connection which is convenient and efficient



Routing function:
1WAN+3LAN



Dual WIFI Frequency :
2.4G & 5G



WIFI connection with maximum
32 users simultaneously

Specification

Category	Feature	Description	Remark
Air Interface	Technical Standard	Compatible with WCDMA, FDD-LTE, TDD-LTE, GSM 802.11 b/g/n	802.11ac/b/g/n for option
	Frequency (SKU1)	LTE-FDD: B1/B3/B5/B7/B8/B20 LTE-TDD: B40 WCDMA: B1/B5/B8 GSM: 850/900/1800/1900Mhz	Can switch module to cover more frequencies combination
	Transmit Power	GSM850/900 33±2dBm, GSM1800/1900 30±2dBm, WCDMA/HSPA 23+1/-3dBm, TD-SCDMA 23+1/-3dBm,	

		TD-LTE 23±2.7dBm, LTE FDD 23±2.7dBm	
	WIFI	2.4GHz, WIFI 2*2 MIMO , 802.11 b/g/n	2.4Ghz&5Ghz,802.11ac/b/g/n for option
	Transmit Power	14dBm @802.11a/54Mbps 15dBm @802.11b/11Mbps 15dBm @802.11g/54Mbps 14dBm @802.11n/54Mbps 12dBm @802.11ac/HT20MSC8 10.5dBm @802.11ac/HT20 MSC9	
Performance	Maximum Data Throughput	LTE CAT 4 FDD-LTE DL 150Mbps, UL 50Mbps TDD-LTE DL 130Mbps, UL 35Mbps	Theoretical peak rates
Hardware	Receive Diversity	Support Receive Diversity	
	MIMO	Support DL 2x2 MIMO	
	BB Chipset	Qualcomm MDM9207	
	RF Chipset	Qualcomm WTR2965	
	Wi-Fi Chipset	RTL8192es	2.4Ghz&5Ghz used QCA6174
	Memory	4Gb+2Gb	
	power consumption	<12W	
	Power Voltage	DC12V/1A	
	USIM/SIM	2FF SIM card support SIM/USIM/UIM, standard 6 PIN SIM card interface, support 3V SIM card and 1.8V SIM card; internal push-push SIM slot	

	LED	Power Indication LED , WAN Signal Strength , Wi-Fi/WPS Indication LED , WAN/LAN Status LED , Internet Status LED,	
	USB	only for debug not for user	
	Antenna	Internal antenna	External antenna for option Cost related
	LTE Antenna Gain	3.5dBi	
	Wi-Fi Antenna Gain	4.6dBi	
	Buttons	POWER , Reset, WPS	
	Slic	SI32185	
	Ethernet	1WAN+3LAN, 10BaseT/100Base/1000Base automatic adaptive port	
	RJ11	RJ11	
	Reset	Pinhole	
	ESD	ESD Protection circuit ; Contact±8KV、Air±10KV	
Software	SW Update	TR069 & Local Update	
	WIFI Mode	AP+STA	
	WIFI Security	OPEN & WPA-PSK& WPA2-PSK & WPA-PSK/WPA2-PSK;	
	SMS & Phone Book	N/A	Can be customized on request
	Voice	VoLTE & VOIP & CS Domain voice	
	AGPS	Not Support	
	IPv4	Support IPv4	
	IPv6	Support IPv6	
	Firewall	Mac/IP address filter, Port forwarding, Wi-Fi Black/Whitelist	
	Data Statistics	Support	
	VPN Pass Through	PP2P/L2TP/IPSec	
	SIM Lock	Support	

	TR069	Support
	SNTP	Support
	DOS ATTACK	Support
	APP Interface	Support
	DMZ	Support
	HTTP	Support
	HTTPS	Support
	WebUI & Language	Support, default is English
Certification		Depends on customization, cost related
Environment	Operating Temperature	Normal: -10°C to +65°C;
	Storage Temperature	-20° C to +85° C
	Humidity	5%~ 95%

Typical User Scenarios

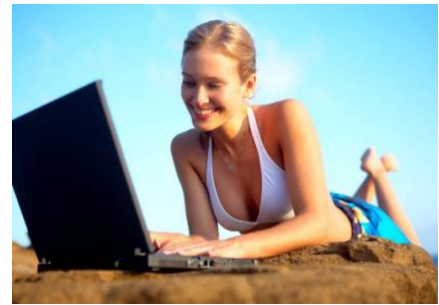
CP718Q will also be able to connect to other Wi-Fi devices while launching Wi-Fi, such as monitoring camera, computer, and cash devices.



Wi-Fi Hotspot in the office



Home Gateway and Voice



Outdoor network connection

Calls



Monitor and other Wi-Fi
devices



Areas without Wired
Network Access



Party Outside