

# C627

## 1200Mbps CAT6 4G Router

### Overview

The Cat6 Indoor CPE C627 is a wireless router, which support 2.4G&5G dual-band Wi-Fi, providing high-speeding and stable LTE Cat6 network for users at home or in office. The product adopts ASR1828 cellular solution, which confirms to 3GPP R10 standard.



# Features

- Data service
- SMS
- Security service
- Local and OTA maintenance management function

## Specification

Hardware Performance	
<b>Chipset</b>	ASR1828@ 22nm, ARM v7 CPU up to 1.5GHz TR5120
<b>LTE</b>	3GPP Release 10 CAT6
<b>Band Support</b>	LTE: B1/3/5/8/7/20/40/41/38 HSPA+/HSPA/WCDMA: B1/5/8
<b>Interface</b>	4x GE RJ45, 1x FXS, 1x Nano(4FF) Sim Slot 4x SMA ports for external antenna (Optional) 1x Type A port for OTG.
<b>LED</b>	1x Power, 1x Mode, 1x Signal, 1x Wi-Fi, 1x LAN
<b>Button</b>	1x Power, 1x WPS, 1x Reset
<b>Antenna</b>	4x LTE/UMTS/GSM internal antennas 2x WLAN 2.4G internal antennas

<b>Maximum TX power</b>	LTE	Conform to 3GPP Power Class 3	
	WLAN	2.4G	802.11b: 17dBm
		5G	802.11g: 15dBm
			802.11n: 14dBm
			802.11ac: 13dBm
<b>RX sensitivity</b>	LTE	Conform to 3GPP Definition	

	UMTS	Conform to 3GPP Definition
	GSM	-104dBm
	WLAN	802.11b: -81dBm@11M
		802.11g: -72dBm@54M
		802.11n: -64dBm@MSC7
		802.11ac: -62dBm@MSC9
<b>Battery</b>	4000mAh /18650 battery(Optional)	
<b>Power consumption</b>	Max 12W	
<b>USB power supply</b>	Input 12V/1A	
<b>Dimensions</b>	180*67*153mm	
<b>Case material</b>	PC,ABS	
<b>Temperature</b>	Working temperature: 0°C to 45°C Storage temperature: -20°C to 60°C	
<b>Humidity</b>	5%-95% (Non-condensing)	
<b>Gain</b>	LTE/UMTS: Primary: about 3.5dBi LTE/UMTS: Secondary: about 3dBi WIFI 1: 3.5dBi WIFI 2: 3.5dBi	
<b>Polarization</b>	LTE/UMTS: Linear WIFI: Linear	
<b>Cellular Wireless Network</b>	Network Search	Supports automatic or manual network search, the default is automatic
	Connection Management	Supports automatic and manual connection to the cellular network
	Network Mode	Supports various network mode Auto LTE only WCDMA only
	Profile Management	Auto mode, set the profile information required for Internet access according to the SIM card automatically, avoid cumbersome operations for users Profile name APN name User name User password Authentication type, auto/pap/chap

		IP type, ipv4/6
	Traffic statistics	<p>Supports traffic statistics, including</p> <p>Download, upload and total traffic and duration since the equipment is powered up</p> <p>Sum of download, upload and total traffic and duration since historical statistics were cleared</p> <p>You can manually clear historical statistics</p>
<b>Wi-Fi</b>	Wi-Fi settings	<p>SSID/Key</p> <p>Channel selection, auto or manual</p> <p>Various security mode and algorithms</p> <p>Disable</p> <p>WEP (wired equivalent protocol)</p> <p>WPA2 personal (Wi-Fi Protected Access 2 Personal), AES or TKIP</p> <p>WPA2/WPA mixed mode (Wi-Fi Protected Access 2 Personal/Wi-Fi Protected Access Personal), AES or TKIP</p> <p>Enable/disable SSID broadcast</p> <p>max number of users up to 32</p> <p>Enable/disable Wi-Fi</p>
	WPS	<p>Wi-Fi Protected Setup (WPS) is a latest standard published by the Wi-Fi Alliance with the aim of simplifying the configuration process to establish a secure wireless home network.</p> <p>The device Supports two WPS methods</p> <p>PBC (Push Button Configuration), in which user simply has to push a actual button or virtual one on web UI</p> <p>PIN (Personal Information Number), in which a PIN is entered into device through Web UI</p>
	MAC Address Authentication	<p>Support the following MAC address authentication method</p> <p>Black list</p>
<b>Router</b>	<p>The device works as a route, supports</p> <p>Default gateway address: 192.168.8.1</p> <p>Standard protocol such as ARP, ICMP, IPv4, IPv6, etc.</p> <p>NAT, translate a public IP address to a private IP address and vice versa</p>	

	DHCP server	DHCP server dynamically allocate IP address to client devices Enable/disable DHCP server Configures DHCP server address pool Lease time, default as 86400 seconds
	DNS relay	Supports DNS relay for client devices Auto mode, use DNS servers from WAN Manual mode, set primary DNS and secondary DNS manually
<b>Basic Status</b>		Users can view the following basic device information on web UI SIM status, Signal strength, roaming status Operator name Data transmission indication Network access technology Network Status WAN IP DNS Wi-Fi Status The number of devices connected to MiFi and their details, including name, IP, MAC, etc.
<b>Phone Book</b>		Supports contact group management Add group Delete group(s), batch operation is supported View and modify existing group information Supports search Supports contact management Add contact Delete contact(s), batch operation is supported Move contact(s) to group, batch operation is supported Import contact from SIM card Supports search View contacts list, Supports pagination display Modify existing contact information, including name, number, group, etc. Select one or more contacts and send them a text message
<b>SMS</b>		Supports SMS (short message service) related functions Inbox, outbox, and draft management

	<p>View list of messages, Supports pagination display and detail of messages, including number, content, date, etc.</p> <p>Edit, save, delete, and modify SMS</p> <p>Sending short message to one or more contacts</p> <p>Receives short message, new and unread message alerts</p> <p>Replay and forward message</p> <p>Supports various data coding scheme, GSM 7-bit and UCS</p> <p>Supports normal message, up to 160 ASCII characters or 70 UCS2 characters</p> <p>Supports long message (concatenated short messages), up to 612 ASCII characters or 268 UCS2 characters</p> <p>Supports flash message</p>	
<b>Security</b>	<p>The device supports the following security functions.</p> <p>IP Filter</p> <p>Port Filter</p> <p>URL Filter</p> <p>Port forward</p> <p>DMZ</p> <p>UPnP</p> <p>DDNS</p>	
<b>Firmware Update</b>	FOTA	<p>Provide complete FOTA solution</p> <p>Detect new firmware information on FOTA server manually/automatically, including version, size, release date, and release note, etc.</p> <p>Download new firmware from the server and update the device</p> <p>The server initiates a firmware update for the specified device</p>
	Local Update	<p>Users can also upload firmware and update it through the Web UI</p>
<b>SIM Management</b>	<p>Supports PIN of SIM Card, including</p> <p>Enable/disable PIN</p> <p>Change PIN</p> <p>Verify PIN</p> <p>Reset Pin by PUK</p>	
<b>Customization Functions</b>	<p>Web UI</p> <p>SIM Lock</p>	

	APN (Profile)
	Trusted boot
	USSD
	Domain name



**ALTI-LINK COMMUNICATION CO., LIMITED**

Room 310, Building 4, Dongjiu Innovation Technology Park,

No#76 Bulan Road, 518057, Shenzhen, P.R.China

Email: [inquiry@alti-link.com](mailto:inquiry@alti-link.com)

*Copyright ©2014~2024 Alti-link All Rights Reserved. Specifications are subject to change without notice.*