C626

1200Mbps CAT6 4G Router

Overview

The Cat6 Indoor CPE C626 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	
Chipset	ASR1828@ 22nm，ARM v7 CPU up to 1.5GHz TR5120
LTE	3GPP Release 10 CAT6
Band Support	LTE: B1/3/5/8/7/20/40/41/38 HSPA+/HSPA/WCDMA: B1/5/8
Interface	3x GE RJ45, 1x FXS, 1x Nano(4FF) Sim Slot 1x Type C port for debug.
LED	1x Power,1x Internet,1x 4G,1x Wi-Fi,1x LAN
Button	1x Power, 1x WPS/Reset
Antenna	4x LTE/UMTS/GSM external antennas 2x WLAN 2.4G external antennas

Maximum TX power	LTE	Conform to 3GPP Power Class 3	
	WLAN	2.4G	802.11b: 17dBm
		5G	802.11g: 15dBm

		802.11n: 14dBm
		802.11ac: 13dBm
RX sensitivity	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
Battery	4000mAh /18650 battery(Optional)	
Power consumption	Max 24W	
USB power supply	Input 12V/2A	
Dimensions	155.2*155.2*40mm	
Case material	PC,ABS	
Temperature	Working temperature: 0℃ to 40℃ Storage temperature:　0℃ to 60℃	
Humidity	5%-95%（Non-condensing)	
Gain	LTE/UMTS: Primary: about 5dBi LTE/UMTS: Secondary: about 5dBi WIFI 1: 5dBi WIFI 2: 5dBi	
Efficiency	LTE/UMTS Primary: about -2dBi LTE/UMTS Secondary: about -2dBi WIFI 1: -0.6dBi WIFI 2: -2dBi	
Polarization	LTE/UMTS: Linear WIFI: Linear	
Cellular Wireless Network	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	Supports traffic statistics, including Download, upload and total traffic and duration since the equipment is powered up Sum of download, upload and total traffic and duration since historical statistics were cleared You can manually clear historical statistics
Wi-Fi	Wi-Fi settings	SSID/Key Channel selection, auto or manual Various security mode and algorithms Disable WEP (wired equivalent protocol) WPA2 personal (Wi-Fi Protected Access 2 Personal), AES or TKIP WPA2/WPA mixed mode (Wi-Fi Protected Access 2 Personal/Wi-Fi Protected Access Personal), AES or TKIP Enable/disable SSID broadcast max number of users up to 32 Enable/disable Wi-Fi
	WPS	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. The device Supports two WPS methods PBC (Push Button Configuration), in which user simply has to push a actual button or virtual one on web UI PIN (Personal Information Number), in which a PIN is

		entered into device through Web UI
	MAC Address Authentication	Support the following MAC address authentication method White list Black list
Router	The device works as a route, supports Default gateway address: 192.168.8.1 Standard protocol such as ARP, ICMP, IPv4, IPv6, etc. NAT, translate a public IP address to a private IP address and vice versa	
	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
Basic Status	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.	
Phone Book	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	
SMS	Supports SMS (short message service) related functions	
	Inbox, outbox, and draft management	
	View list of messages, Supports pagination display	
	and detail of messages, including number, content, date, etc.	
	Edit, save, delete, and modify SMS	
	Sending short message to one or more contacts	
	Receives short message, new and unread message alerts	
	Replay and forward message	
	Supports various data coding scheme, GSM 7-bit and UCS	
	Supports normal message, up to 160 ASCII characters or 70 UCS2 characters	
	Supports long message (concatenated short messages), up to 612 ASCII characters or 268 UCS2 characters	
	Supports flash message	
Security	The device supports the following security functions.	
	IP Filter	
	Port Filter	
	URL Filter	
	Port forward	
	DMZ	
	UPnP	
	DDNS	
Firmware Update	FOTA	Provide complete FOTA solution
		Detect new firmware information on FOTA server manually/automatically, including version, size, release date, and release note, etc.
		Download new firmware from the server and update the device
		The server initiates a firmware update for the specified device

	Local Update	Users can also upload firmware and update it through the Web UI
SIM Management	Supports PIN of SIM Card, including Enable/disable PIN Change PIN Verify PIN Reset Pin by PUK	
Customization Functions	Web UI SIM Lock APN (Profile) Trusted boot USSD Domain name	

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