

JourneyXTR Mobile 4G LTE Router & Wi-Fi Extender

P/N: 700-011



Introduction

The JourneyXTR is a high-gain VSIM router (P/N:700-011), is a multi-functional wireless 4G LTE Cat.7, providing 4G LTE internet with both physical SIM card and Virtual SIM card. Compliant with IEEE 802.11b/g/n/ac standards, the JourneyXTR can support up to 1200Mbps Wireless with Dual-Band WIFI 2.4GHz&5GHz. With an embedded 4G LTE Cat7 module, it works well with all mainstream frequency bands for 4G LTE up to 300Mbps.

General Specifications

Dimensions	180 x 130 x 30mm
Weight	< 1,500g (including packaging)
Shell Material	Metal
Color	Black
LED	Power Indicator, LED VSIM Indicator, LTE Indicator, 2.4GHz Wi-Fi, 5.8GHz Wi-Fi, SIM Indicator, Signal LED (3 LED), WAN/LAN LED
Temperature	Working: 0°C~40°C, Storage: -30°C~70°C
Humidity	Working: 5%~95%
Power	12V 1.5A DC
Consumption	ON State: MAX 7W, OFF State: MAX 0.5W
LAN	4 x RJ45 10M/100M/1000M LAN Ethernet
WAN	1 x RJ45 10M/100M/1000M WAN Ethernet

SIM	SIM Slot	
Buttons	Reset, WPS, Power	
LTE Antenna	2 External Antennas	
Wi-Fi Antenna	4 External Antennas (2 x 2.4GHz, 2 x 5.8GHz)	
General Features	<ul style="list-style-type: none"> - RFC0768 UDP - RFC0791 IP - RFC0792 ICMP - RFC0793 TCP - RFC0826 Ethernet ARP - RFC0894 IP over Ethernet - RFC0922 Broadcasting Internet Datagrams - RFC0950 Internet Standard Subnetting - IEEE802.3 Ethertype - RFC2516 PPP Over Ethernet (PPPoE) - RFC1662 PPP in HDLC-like Framing - RFC1332 PPP Internet Protocol Control Protocol - RFC1042 A standard for the Transmission of IP Datagrams - IEEE 802 Networks 	<ul style="list-style-type: none"> - DHCP server, client - NAT, NAPT, and ALG - DMZ and Port forwarding (Virtual server) - PPTP, L2TP VPN - IGMP proxy and MLD for IPTV - Logs and statistics - TR-069 remote management- - Flexible and secure SPI Firewall, Denial of Service (DoS) protection - Port filtering, IP filtering and MAC filtering URL filter - QoS Flow Control - DDNS - IPV6 - Static route - SNTP Date/time update from Internet Time Server - WEB GUI - USSD

Main-Board Specification

Memory	128MB 128MB 16-bit DDR2
Flash	16MB SPI NOR FLASH 32, 16MB optional

LTE Module Specifications

Memory	Flash 8GB RAM 1GB eMMC + LPDDR3
OS	Android 11
LTE Downlink	Cat7 (301.5 Mbps)
LTE Uplink	Cat13 (150.8 Mbps)
TDD Bands	B34/B38/B39/B40/B41
FDD Bands	B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B18 B19/B20/B25/B26/B28/B2 9/B30/B66/B71
WCDMA Bands	B1/B2/B4/B5/B8
Antenna	LTE MIMO 2 x 2

Software Specification

Configuration	Handover between physical and Virtual SIM
Local WEB GUI	Manage the CPE device
Debug Mode	RSSI level, Packet error rate CINR, Dynamic Tx Power, Modulation
Encryption/Decryption	AES, SNOW3G, NULL
Power Control	DL Power Control UL Power Control
Admin Management	Admin setting change ; Device reboot reset ; Gateway setting
Device Info	Device model, IMEI, CCID, LTE module ID, HW, SW version, MAC, SN, Vendor info SIM carrier, connection status, Device time, IP address, connection time, Sending and receiving messages, Language setting
Software Update	FOTA and local update

Wi-Fi & Ethernet Specifications

Wi-Fi Protocol	802.11a/b/g/n/ac(2*2)
Ethernet Protocol	802.3 u/ab/az/x
Frequency	2.4GHz/5GHz
Connections	32
Speed	2.4G Wi-Fi: 300Mbps; 5.8G Wi-Fi: 866Mbps
MIMO	2*2 MU-MIMO
Distance	Indoors up to 50m

Network Specification

WAN Interface	Static IP (IP/Subnet/Gateway/DNS) DHCP Client, NTP Client
LAN Interface	NAT mode
IPv4, IPv6	Internet Protocol v4/v6 ICMPv6
VPN Passthrough	PPT, L2TP
Remote Control	TRO69
Firewall	IP-based filter, Port- (Protocol-) based filter, MAC-based filter
Security	Port Forwarding, DMZ support, Firewall for URL filter, MAC filter, Dos, Support PIN and PUK based SIM card security, WAN Access Control, Remote access control (HTTP).
Serial port to Ethernet	TCP Server working mode, TCP Client working mode, data pass-through, modbusTCP/RTU
DNS	DNS relay/ DNS cache
Services	Static IP (IP/Subnet/Gateway/DNS) DHCP Client, NTP Client
Wireless	Turn on/off, bandwidth, channel, power, SSID, password, Encryption
SIM Card	APN Setting, handover between physical SIM and Virtual SIM