

## 4G CPE PRO LTE ROUTER

ST-WD450M

### Product Description

ST-WD450M is a 4G routing product for home used. It accesses the Internet through 4G mobile communication dial-up or 100Mbps WAN port dial-up, and then shares the wireless WIFI and internet network to user or device. And also, it can be supported wired Ethernet.

### Product Description

- Support 4G network connection (B1/3/5/7/8/20/28A FDD LTE, B1/5/8 WCDMA B3/8 GSM CAT4)
- LTE uplink: up to 50Mbps LTE downlink: up to 150Mbps
- WLAN function, easy to expand wireless network.
- Prevent loiter network, multi wireless safety ensuring.
- IP broadband band control, ensure the speed.
- Support web page management, easy to install.
- Support network traffic statistics.
- Support 32 WIFI devices online simultaneously.
- Support LB-LINK APP remote management.



# ST-WD450M

## Specifications

CPU	MT7628DA/580MHz
DRAM/FLASH	64MB DDR2/8M SPI
Interface	3x RJ45 10M/100M LAN Ethernet interfaces 1 x RJ45 10M/100M WAN Ethernet interfaces 1 x Reset 1 x Power jack 12V 1A 1 x USB2.0 1 x SIM (Standard)
Antenna	2.4G (802.11N) : 2T2R 4G : 2T2R
Gain	2.4G : 5dBi 4G: 1-4Dbi
Range	2.4-2.4835GHZ
LED	PWR, WIFI, 4G, LAN1-LAN3, WAN/LAN4
Transmit Power	11b: 1/2/5.5/11Mbps 11g: 6/9/12/18/24/36/48/54Mbps 11n: 300Mbps (MAX)
Spread-spectrum technique	DSSS
Data Encryption	WPA-PSK/WPA2-PSK, WPA/WPA2
Modulation type	11b: CCK, QPSK, BPSK 11g: OFDM 11n: QPSK, BPSK, 16-QAM, 64-QAM
Media access protocol	CAMA/CA with ACK
RF Power	11b: 18dBm@MC0-7 11g: 17dBm@6-54Mbps 11n: 16dBm@6-54Mbps
Receiver Sensitivity	11b:-90dBm@1Mbps,-84dbm@11Mbps, 11g: -86dBm@6Mbps,-69dbm@54Mbps, 11n: -85dBm@MCS0,-67dbm@MCS7, -86dBm@MCS8,-64dbm@MCS15,,
4G Modulation type /GNSS	LTE CAT4 (compatible with LCC/PCIE/M2 package)
GNSS function	GPS, GLONASS, BeiDou/Compass, Galileo, QZSS
4G module RF Power	Class 4 (33dBm±2dB) for GSM850 Class 4 (33dBm±2dB) for EGSM900 Class 1 (30dBm±2dB) for DCS1800 Class 1 (30dBm±2dB) for PCS1900 Class E2 (27dBm±3dB) for GSM8508-PSK Class E2 (27dBm±3dB) for EGSM900 8-PSK Class E2 (26dBm±3dB) for DCS1800 8-PSK Class E2 (26dBm±3dB) for PCS1900 8-PSK Class 3 (24dBm+1/-3dB) for WCDMA bands Class 3 (23dBm±2dB) for LTE-FDD bands
LTE Character	Support 3GPP R8 non-CA cat 4 FDD Support 1.4MHZ-20MHZ RF bandwidth UL support MIMO LTD-FDD: DL 150Mbps (MAX) UL50Mbps (MAX)
TD-SCDMA Character	Support CCSA Release 3 TD-SCDMA DL (MAX) 4.2Mbps UL (MAX) 2.2Mbps

کلیه حقوق مادی و معنوی این اثر متعلق به شرکت دانش بنیان سومیکو می باشد.

soltek مارک و برند ثبت شده و متعلق به شرکت سومیکو بوده و هر گونه کپی برداری پیگرد قانونی دارد.