INDOOR LTE CPE-0001

MULTI-FUNCTIONAL WIRELESS 4G LTE ROUTER



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PRODUCT DESCRIPTION



CPE-0001, is a multi-functional wireless 4G router for home & professional M2M applications.

It uniquely offers connectivity options via either a physical SIM card or Virtual SIM card.

CPE-0001 is widely used for home internet, rural internet, mobile applications, 4G backup, Remote Connection, and IoT.

Can be controlled via a Remote Management Portal for live data monitoring, management, and troubleshooting.

CPE-0001 activates within minutes time.

CONNECTIVITY

4G/LTE (Cat 7 & Cat 13)

MIMO

LTE Multiple-Input Multiple-Output (MIMO) 2X2

BAND

Dual-band, 2.4GHz + 5GHz

WIFI

Wireless Access Point with both physical and virtual SIM card

SPEED

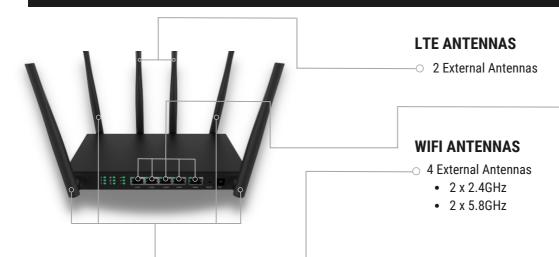
Up to 1200Mbps

RMS

Compatible with the CPE-0001 Remote Management System



vSIM TECHNOLOGY



ETHERNET PORTS

- 5 Ethernet Ports
 - 4 x LAN
 - 1 x WAN

INDICATOR LIGHTS

- · Power Indicator LED
- vSIM Indicator
- LTE Indicator
- 2.4Ghz + 5.8GHz Wifi
- Sim Indicator
- + See LED Section

GENERAL INTRODUCTION

CPE-0001, is a multi-functional wireless 4G LTE Cat 7 CPE, providing 4G LTE internet from both physical SIM card and Virtual SIM card. Compliant with IEEE 802.11b/g/n/ac standards, the CPE-0001 can support up to 1200Mbps Wireless with Dual-Band WIFI 2.4GHz + 5GHz. With an embedded 4G LTE cat7 MTK module, it works well with all the mainstream frequency bands for 4G LTE up to 300Mbps. The CPE-0001 can also be easily managed.

INDUSTRIAL DESIGN





KEY FEATURES

HARDWARE

Mobile 4G/LTE (Cat 7 & Cat 13)

Main CPU RTL8197FH-VG5-CG Single Core 1.0GHz

Memory 128MB 128MB 128MB 128MB 128MB 16-bit DDR2

Buttons Reset, WPS

SIM Micro SIM Slot

Antennas 4 WiFi External Antennas (2 x 2.4GHz; 2 x 5.8GHz); 2 External LTE Antennas

Ethernet Ports LAN - 4 x RJ45 10M/100M/1000M; WAN - 1 x RJ45 10M/1000M/1000M

MIMO 2*2 MU-MIMO

Led Power Indicator LED; VSIM Indicator; LTE Indicator; 2.4GHz WiFi; 5.8GHz WiFi;

SIM Indicator; Signal LED (3 LED); WAN/LAN LED

Temperature Working: 0°C~40°C; Storage: -30°C ~ 70°C

Shell Material Metal

Dimensions 180*130*30mm

Weight < 1500 g (including packaging)

SOFTWARE

Configuration Handover between Physical and Virtual vSIM

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

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/B29/B30/B66/B71

WCDMA Bands B1/B2/B4/B5/B8

REMOTE MONITORING SYSTEM

Compatible with the CPE-0001 Remote Management System