

MaxComm Smart 4G CPE

WR-131

Indoor CPE Device



Overview

MaxComm Smart WR-131 is a multi-user 4G wireless gateway suitable for home or small office environments. To provide users with high-speed wireless network services.

WR-131 adopts Qualcomm platform, supports 3GPP Release 12;

Category6 Terminal downlink/uplink:300Mbps/100Mbps

- BB Chipset: Qualcomm SDX12
- Wi-Fi Chipset (AP): MTK7621

Features



Frequency Band

300Mbps/100Mbps



Ethernet

Ethernet



Wi-Fi

802.11 b/g/n/ac
DBDC
Wi-Fi Channel
automatic choose



SW Update

TR069
FOTA
Local

Appearance |



Application Scenarios |



Specification

Basic Information

Dimension	160mm*148mm*45mm
Weight	About 330g
Color	White

Air Interface

Technical Standard	Compatible with WCDMA, FDD-LTE, TDD-LTE Default 802.11 b/g/n/ac
Operating Frequency	LTE FDD:B2/4(66)/5/7/8/20/28 LTE TDD:B38/39/40/41/42/43/48 WCDMA:2/4/5

Performance

Maximum Data Throughput	LTE CAT 7 FDD-LTE(DL/UL) 300Mbps/100Mbps TDD-LTE(DL/UL) 223Mbps/40.8Mbps DC-HSPA+ (DL/UL) 42/5.76Mbps
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Hardware & Software

Receive Diversity	Support
MIMO	Support DL 4x4 MIMO
Internal Memory	4Gb+2Gb
BB Chipset	Qualcomm SDX12
Wi-Fi Chipset	MTK7621
Power consumption	<15W
Ethernet	1*WAN+1*LAN 10BaseT/100Base/1000Base automatic adaptive port
Power	12V/1.5A
LED	Power Indication LED WAN Signal Strength Wi-Fi/WPS Indication LED WAN/LAN Status LED Internet Status LED
USB	USB 2.0, Debug only
Antenna	2*internal Wi-Fi antenna 4*internal LTE antenna 2*external LTE antenna (optional)
Battery	Optional
USIM	1*4FF SIM
Buttons	Power, Reset, WPS
SW Update	TR069 & FOTA & Local
Voice	1*RJ11 (Optional) VoLTE & VOIP
ESD	ESD Protection circuit; 8kV contact / 10kV air discharge
IPv4/IPv6	Support
Data Statistics	Support
Automatic APN Match	Support
SNTP/ HTTP/HTTPS	Support
Operating Temperature	0°C ~ +45°C
Storage Temperature	-20°C ~ +70°C
Humidity	5%~ 95%

Environment

Note: * means under development