

MaxComm Smart 5G ODU

OWR-203

Outdoor CPE Device



Overview

MeiG OWR-203 outdoor CPE is a high-speed packet access FWA product. It is a multi-mode wireless terminal for home broad band, Office and industrial park.

You can connect the OWR-203 with the RJ45 interface of indoor CPE, or connect the OWR-203 with a computer. In the service area of the 5G-mmWave/5G-Sub6/LTE/DC-HSPA+/HSPA+/HSPA/UMTS network, you can surf the Internet and send/receive emails cordlessly. The OWR-203 is fast, reliable and easy to operate.

Features



Frequency Band

5G mmWave/5G sub6
DL up to 4.3Gbps



Ethernet

2.5Gbps Ethernet
POE



Waterproof level

IP65



SW Update

TR069
FOTA

Appearance



Application Scenarios



Installation |

1 mounting on a wall



2 mounting on a pole



Specification |

Basic Information

Dimension	186*111*35 mm
Weight	About 850g
Color	White
Technical Standard	5G mmWave NSA/SA(*)/5G Sub6 SA/5G Sub6 NSA 5G/LTE/DC-HSPA+/HSPA+/HSPA/UMTS 5G mmWave: N257/N258 5G sub6: N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N77/N78/N79 LTE-FDD: B1/B3/B5/B7/B8/B18/B19/B20/B28/B32 LTE-TDD: B34/B38/B39/B40/B41/B42 WCDMA: B1/B5/B8
Operating Frequency	DL: BW 400MHz, up to 4.3Gbps (mmWave) UL: BW 200MHz, up to 2.3Gbps (mmWave) DL: BW 100MHz, up to 2.4Gbps (Sub6G) UL: BW 100MHz, up to 0.9Gbps (Sub6G)

Performance

5G Peak Data Throughput (theoretical)	DL: BW 400MHz, up to 4.3Gbps (mmWave) UL: BW 200MHz, up to 2.3Gbps (mmWave) DL: BW 100MHz, up to 2.4Gbps (Sub6G) UL: BW 100MHz, up to 0.9Gbps (Sub6G)
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Hardware

Receive Diversity	Support
MIMO	Support DL 4x4 MIMO
Internal Memory	4Gb+4Gb
BB Chipset	Qualcomm SDX62
ERIP	5G mmWave: 36dBm/5G Sub6: 28dBm
BLE	Support (for device configure)
USIM	1*4FF SIM (nano card)
Power consumption	<20W
Ethernet	2.5G LAN
Power	POE(nonstandard default)
LED	5G network Indication LED 5G mmWave network Indication LED 4G network Indication LED ETH status LED
USB	USB 2.0 micro (for Debug only)

Antenna	Internal Antenna:5G/4G*5, QTM547*1
Buttons	Reset hole
ESD	ESD Protection circuit; 8kV contact / 10kV air discharge
SW Update	Local Update/FOTA/WebUI
IP-Passthrough	Support

Software

IPv4/IPv6	Support
UI	WebUI
Data Statistics	Support
Automatic APN Match	Support
SNTP/ HTTP/HTTPS	Support
APP	BLE APP Support
Install	Pole/Wall
Waterproof level	IP65

Environment

Operating Temperature	-40°C ~ +50°C
Storage Temperature	-40°C ~ +70°C
Humidity	5%~ 95%

Note: * means SA can upgrade the software later