

5G Outdoor CPE QOC X11

Data Sheet

Technology

- 3GPP Release 15
- 5G NR: N41/ N77/N78/N79
- FDD: B1/B2/B3/ B5/B7/B8
- TDD: B34/B39/B40/B41
- SA/NSA
- VoNR/VoLTE or VoIP

ODU Specification

Chipsets

- UNISOC IVY510
- Realtek: 8125

Dimensions&Weight

- 132mm*132mm*176mm
- 800g

Environment

- Operating Temperature: -20°C to 55°C
- Storage temperature: -40°C to 85°C
- Operating humidity: 5% to 95%
- Storage humidity: 5% to 95%

SIM

- 2FF USIM Slot/ESIM

RF

- 6* Internal Omnidirectional antennas
- 5G NR: 1.25Gbps (UL), 2.45 Gbps(DL)
- TDD/FDD LTE: Category 12 with 450Mbps(DL)
- TDD/FDD LTE: Category 13 with 150Mbps(UL)

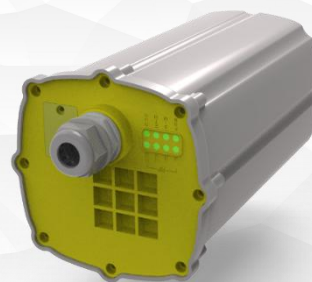


Standards /Approvals /Certifications

- IP66 Water and Dust Proof
- FCC/CCC/CE

Ports/Interface/LED

- 1*2.5GE LAN with PoE(36-57V DC)
- LED Indicators for Power/SIM/ETH/RUN



IDU Specification

Chipsets

- Realtek: 8198D+8192FU+8812FR+8226B

Dimensions&Weight

- 193.5mm*172.5mm*46.5mm
- 320g

Ports/Interface/LED

- WAN:1 * 2.5GE, PSE, connect to ODU
- LAN: 2 * GE, 1*RJ 11
- LED Indicators for Power/Wi-Fi/Data/Signal
- Buttons for WPS, Power, Reset and Wi-Fi

Environment

- Operating Temperature: 0°C to 40°C
- Storage temperature: -40°C to 85°C
- Operating humidity: 5% to 95%
- Storage humidity: 5% to 95%

WLAN

- Build-in high gain Wi-Fi antennas
- Wi-Fi 2.4 GHz MIMO 2*2 802.11 b/g/n
- Wi-Fi 5.8 GHz MIMO 2*2 802.11 a/ac
- Multiple SSID/Guest Wi-Fi Support
- Connect up to 32Wi-Fi Enabled Devices
- Wi-Fi Security (WPA/WPA2)
- Wi-Fi Protected Setup (WPS)



Standards /Approvals /Certifications

- FCC/CCC/CE

Software functions

- On-board VPN
- IPv6/IPv4 dual stack
- NAT Firewall
- Port Forwarding
- DMZ
- OTA Firmware Upgrade
- Carrier SIM Lock

Management

- English/Chinese/Multi-language WebGUI
- TR069 management