

# Product Portfolio of 4G&5G CPE



# CONTENTS

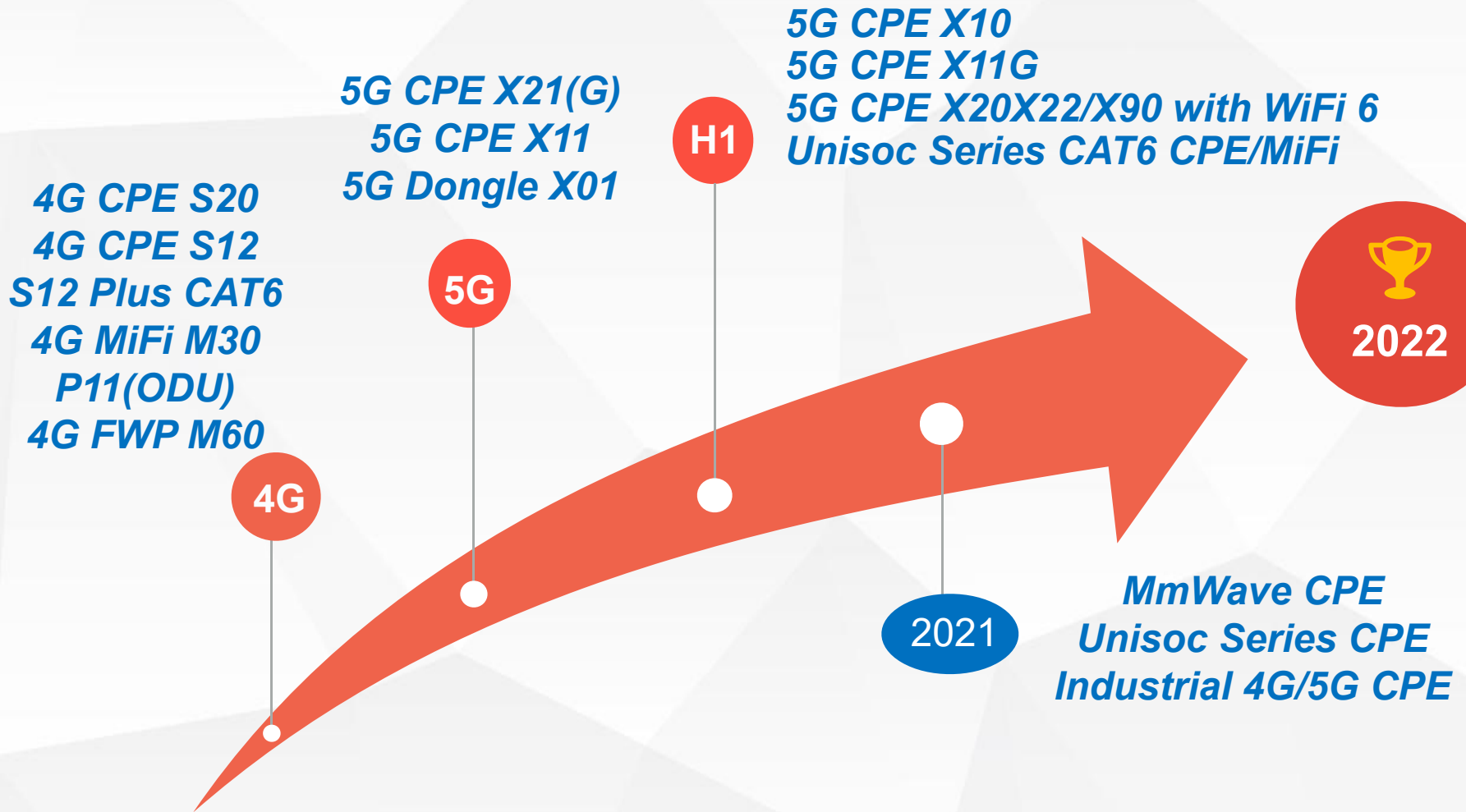
① Indoor 4G CPE

② Outdoor 4G CPE

③ 5G CPE Series

④ Others

# New Products Roadmap



## S20

**ZTE7520V3 + RTL8192ES**  
**1\*FE LAN, 1\*RJ11, 1\* USB**

3GPP Release 9, **CAT 4**

TDD-LTE/FDD-LTE/WCDMA/GSM

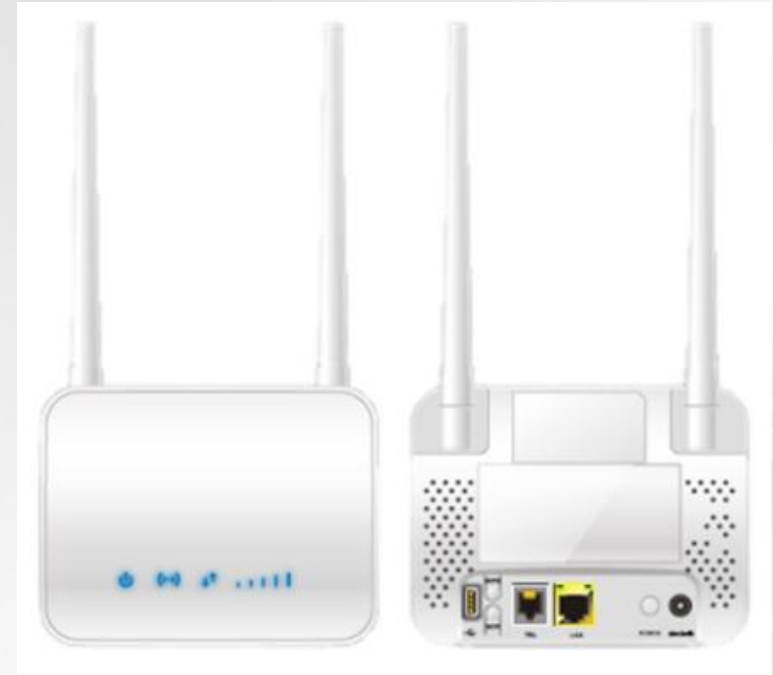
VoIP/VoLTE/CSFB(Optional)

2.4Ghz 802.11 b/g/n WiFi, MIMO 2\*2, WPS

Internal and External LTE Antenna switch

VPN, TR069 Protocol

7.4V/2000mAh Li-ion (Optional)



## S12

**ZTE7520V3 + RTL8192ES**  
**4\*FE LAN, 1\*RJ11, 1\* USB**

3GPP Release 9, **CAT 4**

TDD-LTE/FDD-LTE/WCDMA/GSM

VoIP/VoLTE/CSFB (Optional)

2.4Ghz 802.11 b/g/n WiFi, MIMO 2\*2, WPS

Internal and External LTE Antenna switch

VPN, TR069 Protocol

7.4V/2000mAh Li-ion (Optional)



## **S12 Plus(CAT6)**

**Qualcomm MDM9x40 / SQN 3220  
/ UNISOC SL8563**

**4\*GE LAN, 1/2\*RJ11, 1\* USB**

3GPP Release 11/10, **CAT 6**

TDD-LTE/FDD-LTE/WCDMA/GSM

VoIP/VoLTE/CSFB (Optional)

2\*2 802.11 b/g/n and 2\*2 802.11a/ac WiFi, WPS

Internal and External LTE Antenna switch

VPN, TR069 Protocol

7.4V/2000mAh Li-ion(Optional)



	<b>S20</b>	<b>S12</b>	<b>S12 Plus</b>
<b>Chipset</b>	ZTE7520V3	ZTE7520V3	Qualcomm MDM9x40/ SQN 3220 / UNISOC SL8563
<b>ETH ports</b>	1*FE	4*FE	4*GE
<b>Voice</b>	VoIP/VoLTE/CSFB	VoIP/VoLTE/CSFB	VoIP/VoLTE/CSFB
<b>FXS</b>	1*RJ11	1*RJ11	2*RJ11
<b>Category</b>	CAT 4	CAT 4	<b>CAT6</b>
<b>LTE Antenna</b>	Internal /External	Internal /External	Internal /External
<b>WiFi</b>	2*2 802.11n	2*2 802.11n	2*2 802.11n +2*2 802.11ac
<b>Management</b>	TR069, OTA, WebGUI		
<b>Dimension (mm*mm*mm)</b>	125*110*42	180*132*48	190*180*70
<b>battery</b>	√	√	√
<b>Status</b>	MP	MP	MP

## P11 Series

### ODU:

ZTE 7520V3 - P11M

Qualcomm MDM9x07 - P11X

SQN 3220SC (B42/43) - P19H

3GPP Release 9/10 **CAT 4**

TDD-LTE/FDD-LTE/WCDMA/GSM

1\*FE RJ45 interface with PoE

High Gain Antenna

IP65 Water and Dust Proof

Operating temperature **-20~55°C**

Storage temperature **-40~55°C**

PoE power adapter optional



### IDU(optional):

2\*FE LAN, 1\*FE WAN, 1\*RJ11

VoIP / VoLTE/CSFB(**P11M Only now**)

2.4Ghz 2\*2 802.b/g/n WiFi, WPS



		<b>P11G</b>	<b>P11X</b>	<b>P19H</b>
<b>ODU</b>	Chipset	ZTE7520V3	Qualcomm MDM9x07	SQN 3220SC
	Category	CAT 4	CAT 4	CAT 4
	B42/B43			√
	PoE	√	√	√
	IP65	√	√	√
<b>IDU</b>	WAN+PSE	1*FE	1*FE	1*FE
	LAN ports	2*FE	2*FE	2*FE
	Voice	VoIP/VoLTE/CSFB	VoIP/CSFB	VoIP
	FXS	1*RJ11		
	WiFi	2*2 802.11n	2*2 802.11n	2*2 802.11n
	Atennas	External		
Management	TR069,OTA,WebGUI			
Operating temperature	-20~55°C			
Status	MP	MP	MP	

# 5G Indoor CPE X21/X22

X21: UNISOC IVY510 + WiFi5(*MP*)

X22: UNISOC IVY510 + WiFi6(*MP in Q2 2021*)

## SA/NSA

NR/TDD-LTE/FDD-LTE

3GPP Release 15 compliant

4\*GE LAN + 1\*RJ11(Optional)

**AC1200 on X21 and AX1800 on X22**, WPS

VoNR / VoLTE / VoIP(Optional)

TR069 Protocol

eSIM/SIM

6 Built-in 5G/LTE antennas, 2 Built-in Wi-Fi antennas (2.4Ghz+5Ghz)



# 5G Indoor CPE X20/X90

X20/X90: Qualcomm X55(*MP in Q2 2021*)

## SA/NSA

NR/TDD-LTE/FDD-LTE/WCDMA

3GPP Release 15 compliant

4\*GE LAN + 1\*RJ11(**X20**)

1\* 10GE W/LAN + 1\* 10GE LAN + 2\*GE LAN + 2\*RJ11(**X90**)

**AX1800 WiFi 6 on X20 and AX3600 WiFi6 on X90**, WPS

VoNR / VoLTE / VoIP(Optional)

TR069 Protocol

eSIM/SIM

8 Built-in 5G/LTE antennas, 2 Built-in Wi-Fi antennas (2.4Ghz+5Ghz)



## 5G Outdoor CPE X11/X10

ODU:

X11: UNISOC IVY510(*MP*)

X10: Qualcomm X55 (*MP in Q3 2021*)

### SA/NSA

NR/TDD-LTE/FDD-LTE/WCDMA/TD-SCDMA/GSM

3GPP Release 15 compliant

TR069 Protocol

eSIM/SIM

IP66 Water and Dust Proof

1\*2.5 GE LAN(X11) / 1\* GE LAN(X10)



IDU (Optional):

1\*2.5G/1GE WAN +2\*GE LAN +1\*RJ11

VoNR/VoLTE /VoIP

2\*2 802.11 b/g/n + 2\*2 802.11 a/ac, WPS

*Wifi6 in Q3 2021*

TR069 Protocol

PoE build-in

**IPLOOK**

THANK YOU!

