



FIBER SYSTEM OPTICAL NETWORK UNIT

Focusing on FTTX equipment manufacturing





ZC-125E/G

High quality 1 port GE mini epon ONU for fiber optic network

| | |
|-----------------------|---------------------------|
| Model Type | SC/UPLC |
| Optical Signal Access | 1*EPON |
| User Interface | 1GE |
| Indicator Light | POWER / PON / LOS / LAN |
| Fiber Type | EPON |
| Ports | EPON |
| Power | 12V DC 0.5A |
| Power adapter Input | 100V~240V AC, 50Hz ~ 60Hz |



- LAN
- WIFI
- PON
- LOS
- OEM
- ODM

ZC-201GR

Layer 3 Home Gateway/CPE features with HardwareNAT, supports Route mode, etc

| | |
|-----------------------|---------------------------|
| Model Type | FTTX Solutions |
| Optical Signal Access | 1*GPON |
| User Interface | 1GE |
| Indicator Light | POWER / PON / LOS / LAN |
| Fiber Type | GPON |
| Ports | GPON |
| Power | 12V DC 0.5A |
| Power adapter Input | 100V~240V AC, 50Hz ~ 60Hz |



- LAN
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ZC-213XR

Provide 300Mbps 2.4GHz Wireless interface, 2T2R external antenna, support multiple SSID Settings

| | |
|-----------------------|---------------------------------------|
| Model Type | Class B+SC/APC |
| Optical Signal Access | 1*GPON/EPON |
| User Interface | 1GE+1FE |
| Indicator Light | POWER/PON/LOS/LAN1/LAN2/WIFI/WPS/CATV |
| Fiber Type | GPON/EPON |
| Ports | GPON/EPON |



- WPS
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ZC-511XZ

Layer 3 Home Gateway/CPE features with Hardware NAT, supports Route mode, etc

Transmission rate

GPON: Uplink 1.244Gbps; downlink 2.488Gbps
EPON: Uplink 1.244Gbps; downlink 1.244Gbps

Standard

GPON working mode Compliance with IEEE802.3ah & itu-t g.984.x standard

Interface parameters

1 x 10/100/1000Mbps auto adaptive Ethernet interfaces

Wireless

Layer 2 Switching, support 802.1Q VLAN, 802.1P Qos, Bandwidth Control, Spanning Tree, etc

POTS Interface

Supports the configuration of Ethernet interface rates, working modes, MDI/ MDIX auto-negotiation mode, and Pause flow control

ZC-511XZ model ONU is a user terminal device independently developed by BTPT in line with such industrial background. The device has built-in two-layer switching function.



5+ colors available



LAN WIFI PON LOS OEM ODM

| | |
|-----------------------|---------------------------|
| Model Type | SC/UPC |
| Optical Signal Access | EPON/GPON |
| User Interface | 1GE |
| Indicator Light | POWER / PON / LOS / LAN |
| Fiber Type | EPON/GPON |
| Ports | EPON/GPON |
| Power | 12V DC 0.5A |
| Power adapter Input | 100V~240V AC, 50Hz ~ 60Hz |

ZC-221XR

ZC-221XR model ONU is a user terminal device independently developed by ZCPT in line with such industrial background.

Wireless bandwidth Support 20MHz/40MHz
Interface rate Maximum rate 300Mbps

2 port 1GE+1FE XPON ONU

Support EPON/GPON mode and switch mode automatically

Standard

GPON: Compliance with IEEE 802.3ah & itu-t g.984.x standard

Ethernet interface

Interface type: 2*RJ45
Interface parameters: 1*10/100/1000Mbps and 1*10/100Mbps

Wireless

Working mode: IEEE 802.11 b/g/n
Antenna pattern: External 2T2R External antenna
Antenna gain: 5dBi

POTS Interface

Interface type: 1* Rj11
Voice agreement: SIP
Codecs: G.711/G.723/G.726/G.729
Integrated circuit protocol: Gr-909 protocol is applicable



ZC-221XR

| | |
|-----------------------|---------------------------|
| Model Type | Class B+SC/APC |
| Optical Signal Access | 1*GPON/EPON |
| User Interface | 1GE+1FE+VOIP+2.4G WLAN |
| Indicator Light | POWER / PON / LOS / LAN |
| Fiber Type | EPON/GPON |
| Ports | EPON/GPON |
| Power | 12V DC 0.5A |
| Power adapter Input | 100V~240V AC, 50Hz ~ 60Hz |



- WPS
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ZC-223XR

Support firewall level Settings, support based on URL/MAC/IPI address frame filtering

| | |
|-----------------------|---------------------------------------|
| Model Type | Class B+SC/APC |
| Optical Signal Access | 1*GPON/EPON |
| User Interface | 1GE+1FE+2.4G WLAN |
| Indicator Light | POWER/PON/LOS/LAN1/LAN2/WIFI/WPS/CATV |
| Fiber Type | GPON/EPON |
| Ports | GPON/EPON |
| Power | 12V DC 0.5A |
| Power adapter Input | 100V~240V AC, 50Hz ~ 60Hz |



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ZC-311XR

Provide Maximum rate 300Mbps 2.4GHz Wireless interface, 2T2R external antenna, support multiple SSID Settings

| | |
|-----------------------|--|
| Model Type | SC/APC |
| Optical Signal Access | 1* GPON/EPON |
| User Interface | 1GE+3FE+VOIP+2.4G WLAN+1USB+CATV |
| Indicator Light | POWER/PON/LOS/LAN1-4/TEL/USB/2.4G/WPS/CATV |
| Fiber Type | GPON/EPON |
| Ports | GPON/EPON |
| Power | 12V DC 0.5A |
| Power adapter Input | 100V~240V AC, 50Hz ~ 60Hz |



- LAN
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ZC-BCM6821

Layer 3 Home Gateway/CPE features with Hardware NAT, support Multiple WAN, Route/Bridge mode, etc

| | |
|-----------------------|---------------------------|
| Model Type | EPON-ONU-PX20+ |
| Optical Signal Access | 1*EPON |
| User Interface | 2FE |
| Indicator Light | POWER/PON/LOS/LAN1/LAN2 |
| Fiber Type | EPON |
| Ports | EPON |
| Power | 12V DC 0.5A |
| Power adapter Input | 100V~240V AC, 50Hz ~ 60Hz |



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ZC-BCM6838

Provide 300Mbps 2.4GHz Wireless interface, support multiple SSID Settings

POTS Interface

Module type: GPON Class B+ SC/PC
Working wavelength: up 1310nm, down 1490nm
TX Optical power value: 0.5 ~ 4dBm
RX Optical power sensitivity: -27dBm

Ethernet interface

Interface type: RJ45
Interface parameters: 1*10/100/1000Mbps and 3*10/100Mbps or 4*10/100Mbps auto adaptive Ethernet interfaces

Wireless

Working mode: IEEE 802.11 b/g/n
Antenna pattern: 2*Built-in antenna
Antenna gain: 3dBi
Wireless bandwidth: Support 20MHz/40MHz
Interface rate: Maximum rate 300Mbps
SSID: Up to 4 SSID broadcasts are supported



ZC-601GB

Provide 300Mbps 2.4GHz Wireless interface, 2T2R external antenna, support multiple SSID Settings

| | |
|-----------------------|---|
| Model Type | SFP Class B+ SC/PC |
| Optical Signal Access | 1* GPON |
| User Interface | 1GE+3FE+VOIP+2.4G WLAN+1USB |
| Indicator Light | POWER/WPS/WLAN/LAN1-4/TEL/USB/2.4G/INTERNET/LOS/PON |
| Fiber Type | GPON |
| Ports | GPON |
| Power | 12V DC 0.5A |
| Interface Rate | 1Maximum rate 300Mbps |



- WLAN
- WIFI
- PON
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Wireless

Working mode: IEEE 802.11 b/g/n
Antenna pattern: 2T2R External antenna
Antenna gain: 5dBi
Wireless bandwidth: Support 20MHz/40MHz

Standard

Compliance with IEEE 802.3ah & i-tu-t g.984.x standard



ZC-711XR

Support EPON/GPON mode and switchmode automatically

| | |
|-----------------------|--|
| Model Type | SC/APC |
| Optical Signal Access | 1*GPON/EPON |
| User Interface | 4GE+2VOIP+2.4G/5.8G WLAN+1USB+CATV |
| Indicator Light | POWER/LOS/PON/WLAN/LAN1-4/TEL1/TEL2/USB/2.4G/5G/WPS/CATV |
| Fiber Type | GPON/EPON |
| Ports | GPON/EPON |
| Power | 12V DC 0.5A |
| Interface Rate | 2.4G WLAN: Maximum rate 300Mbps 5.8G WLAN: Maximum rate 866Mbps |



- WPS
- WIFI
- CATV
- VOIP
- OEM
- ODM

Wireless

Provide Maximum rate 300Mbps 2.4GHz Wireless interface, and Maximum rate 866Mbps 5.8GHz Wireless interface

Multiple modes ONU

Support EPON/GPON mode and switch mode automatically

ZC-761XR

Provide Maximum rate 300Mbps 2.4GHz wireless interface, and Maximum rate 866Mbps 5.8GHz Wireless interface

| | |
|-----------------------|--|
| Model Type | SC/UPC |
| Optical Signal Access | 1*GPON/EPON |
| User Interface | 4GE+2VOIP+2.4G/5.8G WLAN+1USB |
| Indicator Light | POWER/LOS/PON/LAN1-4/TEL1/TEL2/USB/2.4G/5G/WPS |
| Fiber Type | GPON/EPON |
| Ports | GPON/EPON |
| Power | 12V DC 0.5A |
| Interface Rate | 2.4G WLAN: Maximum rate 300Mbps 5.8G WLAN: Maximum rate 866Mbps |



- WPS
- WIFI
- PON
- VOIP
- OEM
- ODM

Firewall level Settings

Support firewall level Settings, support based on URL/MAC/ IP/ address frame filtering

Wireless

Provide Maximum rate 300Mbps 2.4GHz Wireless interface, and Maximum rate 866Mbps 5.8GHz Wireless interface