

# XPON ONT SUX4G2W6-15

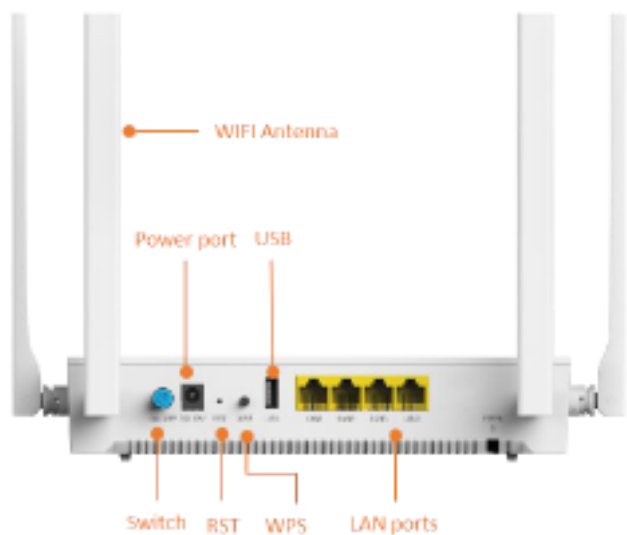
## 4GE + WIFI 6 AX



### HARDWARE FEATURES

- In compliant with IEEE802.3ah and ITU - T G.984 standard
- Support ONU auto-discovery/Link detection/remote upgrade of software
- Support SN and LOID+Password multiple registration methods
- Support port VLAN configuration
- Support port-based rate limitation and bandwidth control
- Support MAC address learning
- Support MAC address learning account limit
- Support VLAN transparent/tag/translate/trunk
- Support broadcasting storm resistance function
- Support igmp transparent/snooping/proxy mode
- Support Dynamic Bandwidth Allocation (DBA)
- Support AES encryption and decryption
- EMS network management based on SNMP ,convenient for maintenance
- Support power-off alarm function ,easy for link problem detection
- Support Firewall
- Support MAC address/URL filter
- Support Remote WEB/Telnet access control

### LED INFORMATION



- ① WIFI
- ② LAN1-4
- ③ INT
- ④ LOS
- ⑤ PON
- ⑥ POWER

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### TECHNICAL SPECIFICATIONS

| Mechanics                                       |                       |                                                                                     |                  |
|-------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------|------------------|
| Dimensions                                      |                       | 210mm*135mm*45mm                                                                    |                  |
| Weight                                          |                       | About 228g                                                                          |                  |
|                                                 |                       |                                                                                     |                  |
| Hardware                                        |                       |                                                                                     |                  |
| User Port (LAN)                                 |                       | RJ-45 connector                                                                     |                  |
|                                                 |                       | 4* 10/100/1000Mbps adaptive Ethernet port                                           |                  |
|                                                 |                       | Full/half duplex                                                                    |                  |
|                                                 |                       | Auto MDI/MDI-X                                                                      |                  |
| Indicators                                      |                       | PWR / PON / LOS / LAN1-4 / INT / WIFI                                               |                  |
| PON Port                                        | PON Mode              | EPON: 1000BASE-PX20+ symmetric<br>GPON: FSAN G.984.2 standard,Class B+              |                  |
|                                                 | PON Rate              | EPON: 1.25Gbps downstream/upstream<br>GPON: 2.488Gbps/1.244Gbps downstream/upstream |                  |
|                                                 | Wavelength            | Transmit: 1310nm                                                                    | Receiver: 1490nm |
|                                                 | Receiving sensitivity | EPON: -27dBm                                                                        | GPON: -28dBm     |
|                                                 | Saturated power       | EPON: -3dBm                                                                         | GPON: -8dBm      |
|                                                 | Transmitting power    | EPON:0~4dBm                                                                         | GPON: 0.5~5dBm   |
|                                                 |                       |                                                                                     |                  |
| WIFI                                            |                       |                                                                                     |                  |
| IEEE802.11b/g/n(2.4G) / IEEE802.11a/n/ac/ax(5G) |                       |                                                                                     |                  |
| 2.4G: 40Mhz bandwidth maximum rate 300Mbps      |                       |                                                                                     |                  |
| 5G: 80Mhz bandwidth maximum rate 1201Mbps       |                       |                                                                                     |                  |
| Total wireless rate is 1500Mbps                 |                       |                                                                                     |                  |
| 2.4G EIRP:24dBm / 5 G EIRP:22dBm                |                       |                                                                                     |                  |
|                                                 |                       |                                                                                     |                  |
| Environment                                     |                       |                                                                                     |                  |
| Working temperature                             |                       | 0 to 40° C                                                                          |                  |
| Operating humidity                              |                       | 10% ~ 90% (Non-condensing)                                                          |                  |
|                                                 |                       |                                                                                     |                  |
| Power                                           |                       |                                                                                     |                  |
| External 12VDC/1A power supply adapter          |                       |                                                                                     |                  |
| Power consumption                               |                       | <12W                                                                                |                  |