



HUAWEI MA5672

Smart Routing ONU

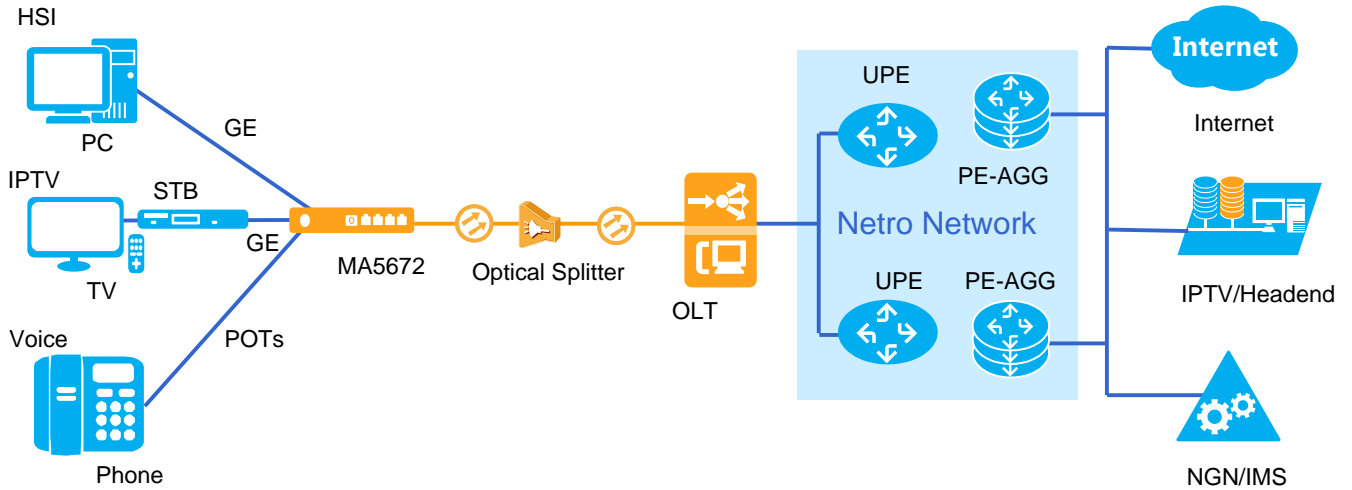


Leading the New Smart Broadband Era



Network diagram

The SmartAX MA5672 applies to fiber to the home (FTTH) scenarios, providing data, voice, and video services for home users.

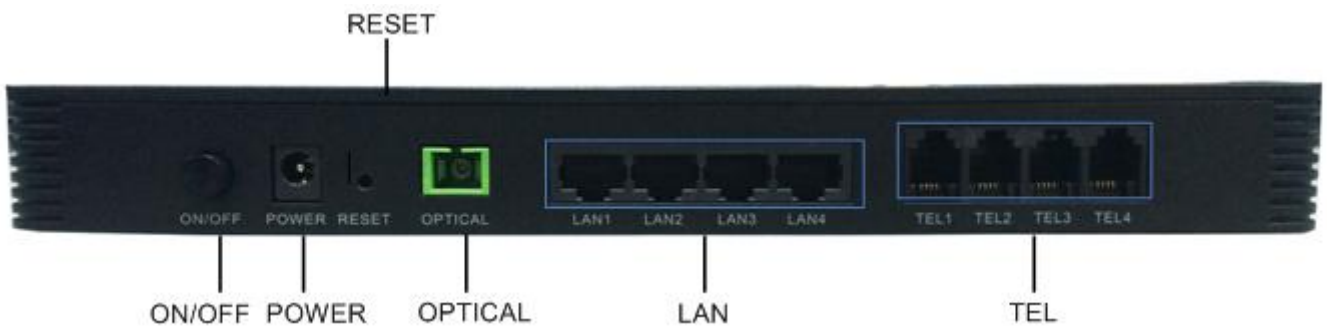


Port diagram

Port diagram-Side



Port diagram-Back





Device Parameters

| | |
|----------------------------------|--------------------------------|
| Dimensions (H×W×D) | (30×260×180) mm |
| Weight | About 0.565 kg |
| Operating temperature | -40°C to +55°C |
| Operating humidity | 5%RH to 95%RH (non-condensing) |
| Power adapter input | 90-270 V AC, 50-60 Hz |
| System power supply | 12V DC , 2A |
| UNI | 4GE+4POTs+1USB |
| NNI | GPON (SC/APC) |
| Typical power consumption | 10 W |



Interface Parameters

| | |
|----------------------|---|
| GPON Port | <ul style="list-style-type: none"> ◆ Class B+ ◆ Receiver sensitivity: -27 dBm ◆ Wavelengths: US 1310 nm, DS 1490 nm ◆ Flexible mapping between GEM Port and TCONT ◆ Authentication mode: SN, password, or LOID ◆ Bi-directional FEC ◆ Type B |
| Ethernet Port | <ul style="list-style-type: none"> ◆ Ethernet port-based VLAN tags and tag removal ◆ 1:1 VLAN, N:1 VLAN, or VLAN transparent transmission ◆ QinQ VLAN ◆ MAC address learning |
| POTS Port | <ul style="list-style-type: none"> ◆ SIP/H.248 ◆ G.711A/μ, G.729a/b, and G.722 encoding/decoding ◆ T.38 and G.711 Fax mode ◆ Dual-homing |



Product Function

| | |
|-------------------------|--|
| Smart O&M | <ul style="list-style-type: none"> ◆ OMCI/Web UI/TR069 ◆ Call emulation, and circuit test and loop-line test ◆ PPPoE/DHCP simulation testing ◆ ETH OAM ◆ Y.1731 |
| Layer 3 Features | <ul style="list-style-type: none"> ◆ PPPoE/StaticIP/DHCP/DHCP Option66 ◆ IPv6 ◆ DDNS/DMZ/DNS/NAPT ◆ Static routes ◆ Multiple network segment addresses as well as routing and forwarding on service ports ◆ PortMapping/PortTigger ◆ ALG, UpnP, ARP |
| Multicast | <ul style="list-style-type: none"> ◆ IGMPv2/IGMPv3 snooping ◆ IGMP proxy ◆ Dynamic controllable multicast ◆ MLDv1/MLDv2 snooping |
| QoS | <ul style="list-style-type: none"> ◆ Ethernet port rate limitation ◆ 802.1p priority ◆ SP/WRR/SP+WRR ◆ Broadcast packet rate limitation |
| Security | <ul style="list-style-type: none"> ◆ SPI firewall ◆ DoS anti-attacks ◆ Filtering based on MAC/IP/URL addresses |