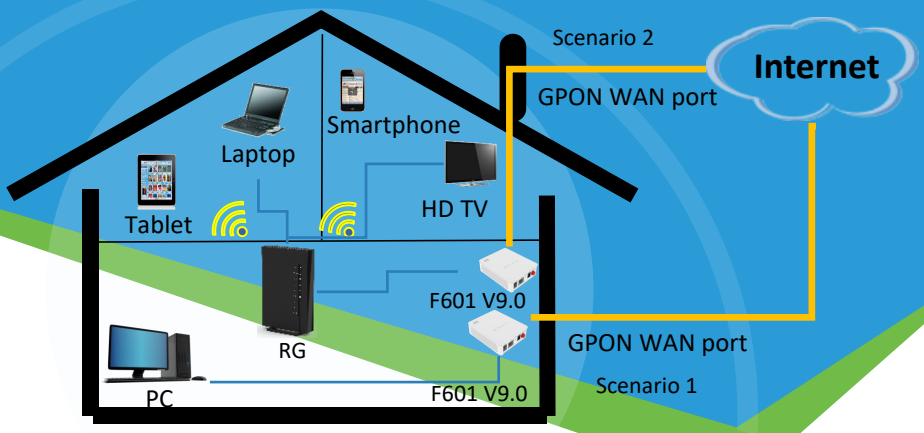
Gigabit Bridge GPON ONT
ZXHN F601



Overview

The ZXHN F601 is an ITU-T G.984.x and G.988 compliant GPON Optical Network Terminal (ONT) with one 10/100/1000 Mbps Ethernet port for the FTTH scenario, and provides 2.488 Gbps downstream and 1.244 Gbps upstream GPON uplink interface. The ZXHN F601 is applied in two scenarios: one is providing a GE interface for PCs or notebooks directly. The other is working together with an RG to provide service assurance for video and high-speed Internet access.





Highlights

High Reliability

- The ZXHN F601 provides full-service access, high bandwidth, high performance, high reliability to meet customers' evolving requirements

Green Designs

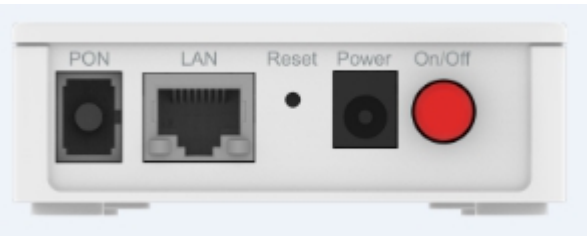
- Automatically switches to energy-saving mode according to idle status of the port.
- The ZXHN F601 complies to CoC V7.0.
- The materials comply with RoHS rules

Easy Operation and Maintenance

- Remote batch upgrade, fault diagnosis, port loopback, and link detection via the OMCI.
- The ZXHN F601 supports offline configuration, batch configuration, zero-touch field configuration, and automatic service provisioning.

Hardware Specifications

Interfaces	WAN	• GPON
	LAN	• 1xGE RJ-45 ports
Buttons	• On/Off	• Reset
LEDs	• Power, PON, LOS, LAN	



Note: Not every listed feature will be included in the shipping product. ZTE reserves the right to make changes of technical specifications, housing or design without prior notice.

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Features

GPON

- Fully complies with ITU-T G.984.x and G.988.
- Support flexible mapping between GEM ports and T-CONTs.
- Supports priority queues and scheduling in the upstream direction.
- Supports FEC.

Compact Enclosure

- With compact enclosure and elegant design, F601 may be wall mounted inside the home or placed free-standing on a desktop.

MAC Address

- MAC address learning.
- MAC address aging.
- MAC address learning limit.
- MAC address binding to a user port. Only controls the input side of the port.

QoS

- Supports rate restriction based on each UNI port or GEM port.
- Supports ingress rate restriction.
- Supports egress shaping.

VLAN

- Supports IEEE 802.1q VLAN. The Q-VLAN range is 1–4094.
- Supports transparent VLAN transmission, VLAN tags, and VLAN translation on the user port.
- Supports VLAN tagging and untagging.

Management

- OMCI management.
- Web-based management.
- Management via the OLT on the EMS.
- UNI loopback detection
- Remote software download, activation, and reboot via the OMCI

Other Characteristics

Electrical	• AC adapter: 12 V DC, 1.0 A
Characteristics	• Net weight: <220g • Dimensions(W*H*D): 100*80*26 mm(No foot pad or wall-mounting hole)
Environmental	• Operating temperature: 0 °C~ 40°C(23°F ~ 113°F) • Humidity: 5% ~ 95% (non-condensing)
Certification	• CE certification

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