

**OPTICAL TERMINAL
NETWORK**



BY FIBER SYSTEM

PRODUCT MANUAL

ZTE ZXHN F673AV9

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Product Overview

ZTE F673A V9 is a GPON Optical Network Terminal designed for HGU (Home Gateway Unit) used in FTTH scenario, which supports L3 function to help subscriber build intelligent home network.

ZTE GPON ONT series products are mainly used in the construction of FTTH (fiber-to-the-home) and FTTO (fiber-to-the-office) scenarios, giving operators with green environmental protection, high reliability, easy operation and maintenance, and meeting multiple application scenarios. Even gigabit bandwidth brings endless possibilities for users' home network service.

Main Characteristics



- Ultra-wide: one deployment, continuous upgrade of network capacity

Each PON port of the POL network has a bandwidth of up to 10G. When there is a higher bandwidth requirement, the optical fiber does not need to be replaced, only the equipment or optical modules at both ends need to be replaced, simplifying the upgrade steps and saving upgrade costs.

- Security: Provide multiple security protection mechanisms

- Convergence: One optical fiber carries all services

A set of POL network can provide 1000M Ethernet port, POTS, CATV, Wi-Fi, RS232/485 serial port, PoE port, time synchronization interface, etc. There is no need to establish multiple sets of networks to carry multiple services.

- Simplified: energy saving and land saving, simple operation and maintenance

The POL solution can reduce the computer room by about 80% and can achieve energy savings of up to 60%. The POL network has a simple hierarchy, which is convenient for maintenance and management, reduces failure points, and improves network reliability. Network operation and maintenance expenses can be reduced by more than 60%.

Technical Specifications

Technical items	Descriptions
Brand	ZTE
Model	F673V9
Fiber port	4GE+1POT+1USB+WIFI,SC single-mode,
Wavelength	Tx 1310nm, Rx 1490nm
Fiber interface	SC/UJC
RX sensitivity	<-27dBm (1490nm)
WLAN	IEEE802.11b/g/n,2*2 MIMO, 2.4G/5G WIFI,external antenna(2dBi) 2.4GHz: 2 x 2 MIMO 802.11b/g/n ,5GHz: 2 x 2 MIMO 802.11a/n/ac
LAN	1*10/100/1000Mbps adaptive Ethernet ports, full/half duplex, RJ45 interface
L2 forwarding capability	Forwarding packets of any length at wire speed
IPv4 L3 forwarding capability	2Gbit/s with any length packets in downstream direction 1Gbit/s with any length packets in upstream direction
IPv6 L3 forwarding capability	2Gbit/s with any length packets in downstream direction 1Gbit/s with any length packets in upstream direction
Configuration method	NMS, Web, or TR069
Voice protocol	SIP, H.248
DC power	Adapter input: 100-240 V AC, 50 – 60 Hz ; Adapter output: 11 – 14 V DC, 1 A
Button	Reset, power
Power	≤8W
Operation	Working temperature: -0-+40°C working humidity:5-95%(non-condensation)
Dimension	250*220*65mm(length*width*height)
Net weight	≤0.8Kg



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