

KANTECH

A Smarter Way for Your Broadband Life

KAN8546

GPON ONT - FTTB\FTTH\FTTO



High-speed Transfer Rate

The KAN8546 GPON ONT modem is a new terminal level GPON ONT, which is a variety of FTTB \ FTTH \ FTTO accessing ONT published by KANTECH for ISPs FTTH network applications. It can support pure data, Data+ Voice+ WIFI and other service accessing type. KAN8546 ONT supports standard OMCI, can provide up to 1.25Gbps uplink and 2.5Gbps downlink high-speed transfer rate.

It can fully meet ISPs FTTB\FTTH\FTTO equipment needs, working with our NGBN unified network management system.

The full functionality of KAN8546 can support:



GPON WAN port with 1.244Gbps uplink / 2.488Gbps downlink link speed

1x GE+3FE Ethernet RJ45 Ports

Active Ethernet WAN port with 1.25Gbps bi-direction link speed

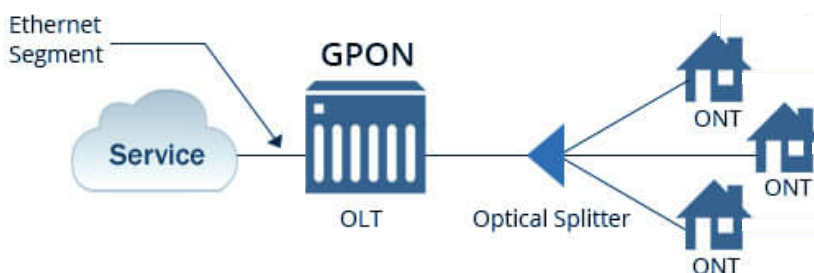
1x FXS RJ11 ports for Voice service

2x2 11n WIFI support 300Mbps link speed

DC 12V adaptor, max 1.5A current

1x USB ports in host or device mode

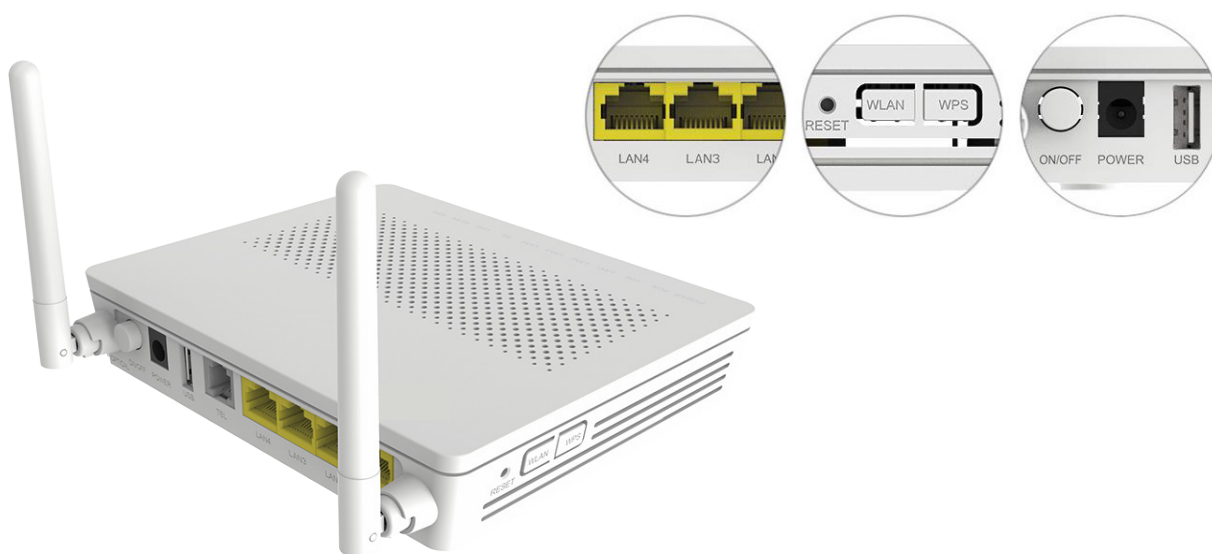
-5 to 50°C operating ambient temperature



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Key Specifications and Technical description

Product Model	• KAN8546
Power supply	• 12V, 1.5A
Operating temperature	• 0°C-50°C
GPON Speed	• Downlink: 2.488Gbps • Uplink: 1.244Gbps
GPON Connector	• SC/APC, pigtail
WIFI Antenna	• 2x2, 5dBi external antenna
power	• ≤15W
USB	• Max 1A for each port
Dimensions(mm)	• 240*160*35
Weight	• ≤0.5Kg



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