

# GPON OLT STICK

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## Variants

C+ 1:32

## Details

## HSGQ GPON OLT Stick TS-GB32 – SFP GPON OLT Module

The HSGQ GPON OLT Stick (DT-32) is a compact SFP-based GPON OLT designed for easy deployment with switches, routers, gateways, and other Ethernet devices. It provides a simple, flexible, and cost-effective GPON solution for FTTH and FTTR networks.

## Key Features

| Feature                 | Description  |
|-------------------------|--|
| Plug and Play           | Easy installation with minimal configuration   |
| Manageable              | Supports management and rate limiting  |
| GPON Auto Configuration | Supports automatic GPON service configuration  |
| ONU Support             | Supports up to 32 ONUs with automatic registration                                   |
| MAC Switching           | Supports MAC switching within optical networks                                       |
| QoS                     | Supports business flow classification and QoS  |
| Applications            | Suitable for industrial parks, hotels, apartments, shopping malls, schools, and FTTR |

## Product Specifications

| Parameter | Specification |
|-----------|---------------|
|-----------|---------------|

|                                 |              |
|---------------------------------|--------------|
| Structure                       | MSA SFP      |
| GPON Rate                       | 2.5G / 1.25G |
| TCONT Number                    | 256          |
| Number of GEM Ports             | 256          |
| Maximum Split Ratio             | 1:32         |
| Maximum Transmission Distance   | 10 km        |
| FEC                             | Support      |
| Dynamic Bandwidth Allocation    | Support      |
| OMCI                            | Support      |
| Inter-Optical Network Switching | Support      |
| Rogue ONU Detection             | Support      |
| Operating Temperature           | -40°C ~ 85°C |
| Power Consumption               | 3W           |