

# HSGQ-X200DW ONU

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## Variants

UPC APC UPC-C

## Details

The **HSGQ-X200DW** is a high-performance ONU device designed for FTTH, ISP, commercial, and industrial broadband networks. It supports **EPON/GPON adaptive access**, dual-band Wi-Fi, advanced security features, and stable high-speed connectivity.

PON Mode

**EPON / GPON**

Ethernet

**2 × GE**

Wi-Fi Speed

**1166Mbps**

Voice Port

**RJ11**

## Key Features

? EPON / GPON Adaptive Port

? Dual Band 2.4GHz / 5GHz Wi-Fi

? Up to 1166Mbps PHY Rate

? 2 x Gigabit Ethernet RJ45 Ports

? 1 x RJ11 POTS Voice Port

? VLAN, DBA, QoS, ACL, NAT & Encryption

? WEB, TELNET, TR069, OMCI & OAM Management

? Remote Software Upgrade Support

## Product Specifications

Category	Specification
<b>Model</b>	HSGQ-X200DW
<b>Product Type</b>	Dual Band GPON / EPON ONU
<b>Fiber Port</b>	APC / UPC

Category	Specification
<b>PON Standards</b>	IEEE 802.3ah EPON / ITU-T G.984 GPON
<b>Interfaces</b>	2 × 10/100/1000M RJ45, 1 × EPON/GPON SC-UPC/APC, 1 × RJ11
<b>Management</b>	WEB, TELNET, TR069, OMCI, OAM

## Wi-Fi Features

<b>Wi-Fi Standard</b>	802.11a/b/g/n/ac
<b>Wireless Band</b>	2.4GHz / 5GHz
<b>PHY Rate</b>	Up to 1166Mbps
<b>SSID</b>	Supports 4 × SSID
<b>Security</b>	WPA2 / WEP / 802.1x
<b>Wireless Functions</b>	Hide SSID, Auto Channel Selection

## Technical Specifications

<b>PON Speed</b>	GPON: 2.5Gbps Down / 1.25Gbps Up; EPON: 1.25Gbps Symmetric
<b>Sensitivity</b>	-7dBm to -28dBm GPON, -7dBm to -27dBm EPON
<b>Ethernet</b>	Auto-MDI/MDI-X, 100m Range, Full/Half Duplex

<b>Power</b>	12V / 1.5A DC, < 9W Consumption
<b>Environment</b>	0°C to +60°C Operating, -40°C to +80°C Storage, 10% to 85% Humidity
<b>Size</b>	162mm x 112mm x 30mm

## LED Indicator Details

No.	Indicator	Status
1	POWER	On: Powered • Off: No power
2	PON	On: Registered • Blinking: Registering • Off: Failed
3	LOS	On: Weak Signal • Off: Normal
4	LAN	On: Connected • Blinking: Data Transfer • Off: Disconnected
5	2.4G Wi-Fi	On: Enabled • Blinking: Data Transfer • Off: Disabled
6	5G Wi-Fi	On: Enabled • Blinking: Data Transfer • Off: Disabled
7	WPS	On: Paired • Blinking: Pairing • Off: Inactive
8	NET	On: Internet Access • Off: No Connection

### Download:

Download HSGQ-X200DW ONU Data Sheet PDF File

Download Firmware for Password of ONU X200DW