

4Pair 2.5G XGS-PON ONU

# HN5324XG



## Key Features and Benefits

- 1RU Box type XGS-PON ONU
- L2+ Non-blocking Switching
- Supports 2 uplink slots (Hot-swappable): G-PON / XGS-PON / NG-PON2 / 10GbE SFP+
- Max. 8 x 100 / 1000BASE-T ports
- Max. 16 x 100 / 1000 / 2500BASE-T ports (IEEE802.3bz)
- All ports front accessible

## Overview

The uses of Gigabit Ethernet and PON with optical fiber are spreading widely to create a network environment that can respond to the rapid growth of Internet users and facilitate large amounts of data including graphics and multimedia files.

The HN5324XG supports a variety of features to enhance QoS, multicast, security and operational efficiency of existing Layer 2-based Giga switch devices. HN5324XG is also an optimal solution for multimedia broadband services such as IPTV and VoD.

The HN5324XG fully supports all Layer 2 switch functionalities and also supports QoS and security features.

HN5324XG supports NetBEUI / NetBIOS / NBT filtering, DHCP filtering, MAC address restriction, private IP address restriction, blocking harmful sites and unauthorized data entry.

It also provides a robust system and network protection against abnormal traffic attacks from the network or its network subscribers.

### For more information

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# HN5324XG Technical Specifications

<b>Platform</b>	<ul style="list-style-type: none"> <li>Box Type, Height 1U, Width 19 inches</li> <li>- 24 ports + 2 Uplink slots</li> <li>- 1-PSU (Power Supply Unit)</li> <li>- 2-FAU (FAN Assembly Unit)</li> <li>Hot-pluggable FAN units</li> <li>Supported Uplink cards</li> <li>- 10 GE SFP+ Card</li> <li>- G-PON card</li> <li>- XGS-PON card (H301XG)</li> <li>- NG-PON2 card (H401XG)</li> <li>Supported Energy Efficient Ethernet (IEEE802.3az)</li> <li>ITU-T G.984 / G.988 Compliant</li> </ul>	<b>QoS</b>	<ul style="list-style-type: none"> <li>DSCP / 802.1p marking / remarking</li> <li>Queue scheduling (SPQ, WRR)</li> <li>Class of Service, 8 Queues per port</li> <li>Ingress / Egress Rate Control (kbps Step)</li> </ul>
<b>Capacity &amp; Performance</b>	<ul style="list-style-type: none"> <li>Switching Capacity: 176Gbps</li> <li>Packet Forwarding: 133Mpps</li> </ul>	<b>Management &amp; Security</b>	<ul style="list-style-type: none"> <li>NetBEUI, NetBIOS, NBT filtering</li> <li>ARP spoofing, MAC / Packet filter</li> <li>MAC flood guard, Port flood guard</li> <li>Port-isolation</li> <li>Serial / Telnet (CLI) SNMPv1 / v2, MIB II</li> <li>SSH, Port mirroring, NTP, Remote syslog</li> <li>L2 / L3 / L4 based ACL</li> <li>Remote OS / CPLD upgrade</li> </ul>
<b>Layer 2</b>	<ul style="list-style-type: none"> <li>Spanning Tree: STP, RSTP, MSTP</li> <li>IEEE 802.1Q VLAN</li> <li>IEEE 802.3ad Link Aggregation</li> <li>Storm Control, MAC Limit, Jumbo-Frame</li> <li>16K MAC address table</li> <li>4K VLAN ID entries</li> </ul>	<b>Physical Dimensions (mm)</b>	<ul style="list-style-type: none"> <li>445 (W) × 44 (H) × 250 (D)</li> <li>1RU, 19" Standard rack mountable</li> </ul>
<b>DHCP</b>	<ul style="list-style-type: none"> <li>DHCP snooping</li> <li>Option 82</li> </ul>	<b>Environmental Specs</b>	<ul style="list-style-type: none"> <li>Operating Temperature: -20°C ~ 60°C</li> <li>Storage Temperature : -40°C ~ 70°C</li> <li>Operating Humidity (non- condensing): 5% ~ 95%</li> </ul>
		<b>AC Power</b>	<ul style="list-style-type: none"> <li>Input Voltage: 100 ~ 240VAC</li> <li>Power Consumption: Max. 55Watt.</li> </ul>

## Configuration

