

# DN8245V-70 Datasheet

Huawei SuperVector Home Gateway DN8245V-70

## Overview

The DN8245V-70 is a SuperVector home gateway used in the ultra-broadband copper line solution. It uses the high-performance dual-core chip, supports dual-band Wi-Fi (2 x 2 11n+2 x 2 11ac).

- Faster Access
- Better Experience
- Easier O&M



## Device Parameters

<b>Dimensions (H x W x D) (without base)</b>	37mm x 208mm x 146.5mm	<b>System power supply</b>	12 V DC, 1.5 A
<b>Weight</b>	< 1000 g	<b>Static power</b>	≤ 8.2W

		<b>consumption</b>	
<b>Operating temperature</b>	0°C to 40°C	<b>Maximum power consumption</b>	≤ 18W
<b>Operating humidity</b>	5% RH to 95% RH (non-condensing)	<b>Ports</b>	NNI: DSL/WAN (WAN/LAN4 auto-sensing) UNI: 2FXS+4GE (WAN/LAN4 auto-sensing)+2.4G/5G Wi-Fi+1USB 2.0
<b>Power adapter input</b>	100–240 V AC	<b>Indicators</b>	Power/WAN/Internet/WLAN/LAN1–LAN4/VoIP
<b>Memory</b>	128MB Flash, 256MB RAM		

## Interface Parameters

<b>DSL port</b>	<ul style="list-style-type: none"> <li>• DSL: G.994.1, G.997.1, G.998.4</li> <li>• ADSL G.992.1, G.992.2, ANSI T1.413 Issue 2</li> <li>• ADSL2 G.992.3</li> <li>• ADSL2+ G.992.5</li> <li>• VDSL2 G.993.2</li> <li>• VDSL2 profiles for 8a, 8b, 8c, 8d, 12a, 12b, 17a and 35b</li> </ul>	<b>WAN port</b>	<ul style="list-style-type: none"> <li>• 1 GE WAN port (WAN/LAN4 auto-sensing)</li> <li>• MDI/MDIX auto-sensing</li> <li>• Routing and bridging</li> </ul>
<b>FXS ports</b>	<ul style="list-style-type: none"> <li>• Two FXS ports</li> <li>• Maximum REN: 4</li> <li>• G.711A/μ, G.729, and G.722 encoding/decoding</li> <li>• T.30/T.38/G.711 fax mode</li> <li>• DTMF</li> <li>• Emergency calls (with the SIP protocol)</li> </ul>	<b>Ethernet ports</b>	<ul style="list-style-type: none"> <li>• 4 GE LAN ports (WAN/LAN4 auto-sensing)</li> <li>• MDI/MDIX auto-sensing</li> <li>• MAC address learning</li> </ul>
<b>WLAN</b>	<ul style="list-style-type: none"> <li>• IEEE 802.11 b/g/n (2.4G)</li> <li>• IEEE 802.11 a/n/ac (5G)</li> <li>• 2 x 2 MIMO (2.4G)</li> <li>• 2 x 2 MIMO (5G)</li> <li>• WMM</li> <li>• WPA/WPA2</li> <li>• Multiple SSIDs</li> <li>• WPS 2.0</li> <li>• Air interface rate: 600 Mbit/s (2.4G), 1733 Mbit/s (5G)</li> </ul>	<b>USB port</b>	<ul style="list-style-type: none"> <li>• 1 USB 2.0 port</li> <li>• USB storage device</li> <li>• FAT32/FAT/NTFS</li> <li>• File/Print sharing based on SAMBA</li> </ul>

## Product Function


<b>Smart interconnection</b>	<ul style="list-style-type: none"> <li>• Smart Wi-Fi coverage(network consisting of APs and CPE)</li> <li>• Any port any service</li> </ul>	<b>Layer 3 features</b>	<ul style="list-style-type: none"> <li>• PPPoE/PPPoA/Static IP/DHCP</li> <li>• NAT/NAPT</li> </ul>
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	<ul style="list-style-type: none"> <li>• Parental control</li> </ul>		<ul style="list-style-type: none"> <li>• Port forwarding</li> <li>• ALG, UPnP</li> <li>• DDNS/DNS server/DNS client</li> <li>• IPv6/IPv4 dual stack, and DS-Lite</li> <li>• Static/Default routes</li> <li>• Multiple services on one WAN port</li> </ul>
<b>Multicast</b>	<ul style="list-style-type: none"> <li>• IGMP v2/v3 proxy/snooping</li> <li>• MLD v1/v2 snooping</li> <li>• Multicast services through Wi-Fi</li> </ul>	<b>Common O&amp;M</b>	<ul style="list-style-type: none"> <li>• Web UI/TR069</li> <li>• Dual-system software backup</li> </ul>
<b>QoS</b>	<ul style="list-style-type: none"> <li>• Rate limitation</li> <li>• 802.1p priority</li> <li>• SP+WRR</li> </ul>	<b>Power saving</b>	CoC V8
<b>Home network feature</b>	<ul style="list-style-type: none"> <li>• Visualized home network management</li> <li>• User-defined bandwidth allocation</li> <li>• Band steering</li> <li>• Schedule Wi-Fi</li> <li>• Wi-Fi O&amp;M</li> <li>• Beamforming</li> </ul>	<b>Security</b>	<ul style="list-style-type: none"> <li>• SPI firewall</li> <li>• Filtering based on MAC/IP/URL addresses</li> </ul>

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