

Datasheet

Huawei SuperVector Home Gateway DN8245V

Overview

The DN8245V 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

| | | | |
|--|----------------------|----------------------------------|----------------|
| Dimensions (H x W x D) (without base) | 147mm × 208mm × 37mm | System power supply | 12 V DC, 1.5 A |
| Weight | About 320 g | Static power consumption | < 8W |
| Operating temperature | 0°C to 40°C | Maximum power consumption | ≤ 18W |

| | | | |
|----------------------------|----------------------------------|-------------------|--|
| Operating humidity | 5% RH to 95% RH (non-condensing) | Ports | NNI: 1DSL/1GE UNI: 2FXS+4GE+2.4G/5G Wi-Fi+1USB 2.0 |
| Power adapter input | 100–240 V AC, 50/60 Hz | Indicators | Power/WAN/Internet/WLAN/ LAN1– LAN4/VoIP |

Interface Parameters

| | | | |
|-----------------------|--|-----------------|---|
| DSL port | <ul style="list-style-type: none"> ADSL G.992.1, G.992.2, ANSI T1.413 Issue 2 ADSL2 G.992.3 ADSL2+ G.992.5 VDSL2 G.993.2 VDSL2 profiles for 8a, 8b, 8c, 8d, 12a, 12b, 17a and 35b | WAN port | <ul style="list-style-type: none"> 1 GE WAN port MDI/MDIX auto-sensing Routing and bridging |
| Ethernet ports | <ul style="list-style-type: none"> 4 GE LAN ports MDI/MDIX auto-sensing MAC address learning | USB port | <ul style="list-style-type: none"> 1 USB 2.0 port USB storage device FAT32/FAT/NTFS File/Print sharing based on SAMBA DLNA DMS/UPnP AV (media server) |
| FXS ports | <ul style="list-style-type: none"> Two FXS ports Maximum REN: 4 G.711A/μ, G.729, and G.722 encoding/decoding T.30/T.38/G.711 fax mode DTMF Emergency calls (with the SIP protocol) | WLAN | <ul style="list-style-type: none"> IEEE 802.11 b/g/n (2.4G) IEEE 802.11 a/n/ac (5G) 2 x 2 MIMO (2.4G), 2 x 2 MIMO (5G) WMM WPA/WPA2 Multiple SSIDs WPS 2.0 2.4 GHz EIRP 20dBm (CE certificated) 5 GHz EIRP 23dBm (CE certificated) |

Product Function


| | | | |
|------------------------------|---|-----------------------------|---|
| Smart interconnection | <ul style="list-style-type: none"> Smart Wi-Fi coverage(network consisting of APs and CPE) Any port any service | Layer 3 features | <ul style="list-style-type: none"> PPPoE/PPPoA/Static IP/DHCP NAT/NAPT Port forwarding ALG, UPnP DDNS/DNS server/DNS client IPv6/IPv4 dual stack, and DS-Lite Static/Default routes Multiple services on one WAN port |
| Multicast | <ul style="list-style-type: none"> IGMP v2/v3 proxy/snooping MLD v1/v2 snooping Multicast services through Wi-Fi | | |
| Security | <ul style="list-style-type: none"> Parent control SPI firewall Filtering based on MAC/IP/URL | Home network feature | <ul style="list-style-type: none"> Visualized home network management User-defined bandwidth allocation |

| | | |
|-----------------------|--|---|
| | addresses | <ul style="list-style-type: none"> • Band steering • Schedule Wi-Fi • Wi-Fi O&M • Beamforming |
| QoS | <ul style="list-style-type: none"> • Rate limitation • 802.1p priority • SP+WRR | |
| Common O&M | <ul style="list-style-type: none"> • Web UI/TR069 • Dual-system • software backup | |

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