

# Chassis Core Managed Switch - Line Card

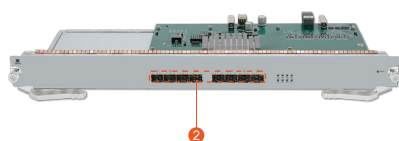
## GNT-M9000-8T

- 8 ports SFP+ No-combo
- 802.1d STP, 802.1w RSTP, 802.1s MSTP

## Product Features

- DHCP server, client, relay, snooping
- ICMPv6, DHCPv6, ACLv6 and IPv6 Telnet
- Support Dynamically learning MAC addresses

## Ports Description



2 10G SFP ports

## Specifications

|                    |                                                                                                                                                                                                                                                                                  |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model              | GNT-M9000-8T                                                                                                                                                                                                                                                                     |
| Port               | SFP (TE1~TE8): 10G No-combo Ports                                                                                                                                                                                                                                                |
| Power Supply       | AC 100~240V, 50~60Hz                                                                                                                                                                                                                                                             |
| MAC Address        | Support Configuring a static MAC address<br>Support Dynamically learning MAC addresses<br>Support MAC address aging<br>Support Blackhole MAC addresses<br>Support Clearing MAC addresses<br>Support Viewing the MAC address table<br>Support MAC address drift                   |
| VLAN               | 4K VLAN IDs, 4094 active VLAN, 1K SVI<br>GVRP<br>1:1 and N:1 VLAN Mapping<br>QinQ and selective QinQ<br>Private VLAN                                                                                                                                                             |
| STP                | 802.1d STP, 802.1w RSTP, 802.1s MSTP<br>BPDU protection, root protection and ring protection<br>L2PT for BPDU                                                                                                                                                                    |
| IPv6               | 4K routing table<br>2K ARP table<br>IPv4/v6 dual stack<br>ICMPv6, DHCPv6, ACLv6 and IPv6 Telnet<br>IPv6 neighbor discovery<br>Path MTU discovery<br>MLD V1<br>MLD snooping<br>IPv6 Static Routing, RIPng, OSPFv3, BGP4+<br>Manual tunnel, ISATAP tunnel, 6-to-4 tunnel           |
| DHCP               | DHCP server, client, relay, snooping                                                                                                                                                                                                                                             |
| QoS                | Traffic classification of port/L2~4 protocol headers/VLAN/CoS/DSCP<br>CAR traffic control<br>802.1P/DSCP priority mapping and remark<br>Multiple queuing algorithms such as SP, WRR or SP+WRR<br>Tail-Drop, WRED<br>Traffic supervision and traffic shaping<br>8 queues per port |
| Jumbo Frame        | 9K                                                                                                                                                                                                                                                                               |
| Switching Capacity | 160Gbps                                                                                                                                                                                                                                                                          |

|                        |                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packet Forwarding Rate | 119Mpps                                                                                                                                                 |
| MAC Capacity           | 32K                                                                                                                                                     |
| Flash                  | 32M                                                                                                                                                     |
| DRAM                   | 512M                                                                                                                                                    |
| Routing Table          | IPv4:12K, IPv6:4K                                                                                                                                       |
| Environment            | Working temperature: 0°C~40°C<br>Working humidity: 10%~90% non-condensing<br>Storage temperature: -20°C~70°C<br>Storage humidity: 5%~95% non-condensing |
| Certification          | CE<br>FCC<br>RoHS 2.0                                                                                                                                   |
| Warranty               | 1-year Warranty                                                                                                                                         |