



Overview

Dasan Network Solutions V8400 Layer 3 Co Aggregator is an ideal Ethernet solution for Carrier grade Network. With full function routing and switching capability, V8400 performs dynamic bandwidth provisioning and connection oriented accounting, extends the delivery range of intelligent IP services to the access edge.

Standard VLAN protocol specified in IEEE 802.1Q provides an easy method of segmenting traffic by policy.

V8400 provides 1.92Tbps switching capacity and 714.3Mpps switching throughput of forwarding rate, guarantees non-blocking wire-speed data transmission.

V8400 is with ethernet interface supported chassis type architecture. V8400 provides up to 2 modular SFU board and 8 modular service interface.

For the service interface board provides 24port based 10/100/1000 Base-Tx or 8port based 1000Base-X SFP or 8port based 10Gbase-R SFP+.

Features

- Hardware platform
- 2.08 Tbps Switch Capacity and 714 Mpps Switch Throughput
- 8Slot High quality/High performance Backbone Switch
- Advanced QoS features (SP/WRR/DRR), Switching/Routing for Mult media Service
- easy migration architecture 10GbE to 40GbE up grade support
- Jumbo Frames support

- Reliable service and flexible network configuration
- SFU(Switch Fabric Unit), Fan modules and power redundancy
- Network management via SNMP v1/v2/v3 and RMON
- User password protected system management
- RADIUS and TACACS+ support
- L2/L3/L4 Traffic classification/Priority management
- Broadcast/Multicast/Unknown unicast storm control

V8400

Ethernet Switches/Backbone Switch



Specification

Performance	Switching Capacity : 2.08Tbps Throughput : 714Mpps
NIU	Up to 6 Ethernet Interface Unit (Network Interface unit) - 24port 100/1000Base-FX (SFP) - 24port 10/100/1000Base-TX - 4port 1G/10GBase-X (SFP/SFP+) - 8port 1G/10GBase-X (SFP/SFP+)
SFU	Up to 2 slot (Switching & Routing Processing unit)
SFU Interface	- 1port CF Interface - 1port Console (RS232, RJ-45) - 1port MGMT (1000BASE-T, RJ-45) D4
Max Address	128K
L2/L3 Multicast	16K/8K
VLAN	4K
Power Voltage	DC : -48/-60VDC AC : 100~120, 200~240VAC(50/60Hz)
Power consumption	527W~860W(Max)
Operating Temp.	0~50°C
Operating Humidity	0~90% (non-condensing)
Dimensions (W x H x D)	479 x 314.2 x 242.3mm

Capabilities

L2 Features	<ul style="list-style-type: none"> Standard Ethernet Bridging Port/Subnet/Protocol-based VLAN Spanning Tree : STP, RSTP, MSTP, PVSTP 802.3ad Link Aggregation"
L3 Features	<ul style="list-style-type: none"> IPv4/IPv6 Routing RIPv1/v2, OSPFv2/v3, BGPv4, IS-IS Virtual Router Redundancy Protocol(VRRP)
Multicast	<ul style="list-style-type: none"> IGMPv1/v2/v3, PIM-SM/SSM IGMP Snooping
IP MPLS	<ul style="list-style-type: none"> Multiprotocol Label Switching MPLS L2/3 VPN Label Distribution Protocol(LDP)
Management	<ul style="list-style-type: none"> Serial / Telnet (CLI) RMON SNMPv1/v2/v3 Optical Monitoring
QoS	<ul style="list-style-type: none"> Traffic Scheduling(SP, WRR, DWRR, WFQ) CoS/QoS acc to 802.IP,DSCP/TOS, IP SA/DA Advanced Traffic Management-Metering Egress Shaping

Sample Configuration

