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Overview

Cisco Catalyst 6500 Series Virtual Switch supervisor engine VS-S720-10G-3C combines 2 * X2-base 10 Gigabit Ethernet uplinks and hardware-based layer2-4 switching feature set which enables enriched Layer 3 routing, MPLS, VPNs, QoS and security features. The combination enables high availability, operational efficiency and increased throughput with scalable performance with ease of deployment.

The supervisor engine VS-S720-10G-3C is a primary factor of the Cisco VSS 1440 Virtual Switching System, the technology pools multiple Catalyst 6500 Series switches into single virtual switch, increasing the system bandwidth to 1.4 Tbps. Configuring VSS with supervisor engine VS-720-10G-3C by using Multi-chassis EtherChannel brings numerous advantages to networks, such as increasing operational efficiency, boosting nonstop communication, providing slot efficiency, increasing throughput and improving resiliency.

Cisco Catalyst Supervisor engine VS-S720-10G-3C support for all Cisco Catalyst 6500 Series interface module classes with offering enhanced forwarding capacity and system bandwidth along with system virtualization through VSS 1440. The supervisor engine VS-S720-10G-3C with 10 Gigabit Ethernet uplinks has been proven its ability to meet the requirements of network in various applications, such as enterprise backbone, data center or campus access and Metro Ethernet.

Quick Specification

Product Code	VS-S720-10G-3C
Support for Cisco VSS 1440	Yes
MAC entries	96,000
IP Routes	256,000 (IPv4); 128,000 (IPv6)
IPv4 Routing	• In hardware • Up to 450 Mpps*
IPv6 Routing	• In hardware • Up to 225 Mpps*
Layer 2 Bridging	• In hardware • Up to 450 Mpps*
NetFlow Entries	128,000
MPLS	• MPLS in hardware to enable use of Layer 3 VPNs and EoMPLS tunneling. • Up to 1024 virtual routing and forwarding instances (VRFs) with a total of up to 256,000 routes per system.
GRE	In hardware
NAT	Hardware-assisted

Product Details:

The Front Panel:

Compare To Similar Items:

Product Code	VS-S720-10G-3CXL	VS-S720-10G-3C	VS-S720-10G-3C(USED)
Description	Catalyst 6500 VS-S720-10G-3CXL Supervisor 720 with 2 ports 10GbE MSFC3 PFC3C XL	Catalyst 6500/7600 Supervisor 720 VS-S720-10G-3C Supervisor 720 with 2 ports 10GbE and MSFC3 PFC3C	Catalyst 6500 Supervisor 720 VS-S720-10G-3C Supervisor 720 with 2 ports 10GbE and MSFC3 PFC3C(used)

Get more information:

Do you have any question about the VS-S720-10G-3C?

Contact us now via e-mail: info@hi-network.com

Specific Data Sheet:

Product Description	Catalyst 6500 Supervisor engine 720-10G-VSS (PFC 3C)
Devide Tyde	Control Processor
Ports	2 * 10G X2, 2 * 1G SFP, 1 * 10/100/1000 GE
Console ports	RS-232
Centralized switching capacity	720 Gbps
Per-slot switching capacity	40 Gbps
Compatibility	● Cisco 6500 Catalyst Series ● Cisco 7600 Catalyst Series
FNF (Flexible NetFlow) entries	128000

Forn Factor	Plug-in Module
Memory	●WS-SUP720 supports 512MB of DRAM for the route processor and 512 MB for the switch processor ●64MB or 512MB (s/w image dependent) Boot Flash for SP switch processor and 64-MB of Boot Flash for the route processor
Options	Removable storage: 64MB, 128 MB, 256 MB, 512 MB (Compact Flash)
Throughput (in hardware)	● 450 Mpps for IPv4 ● 225 Mpps for IPv6 ● 450Mpps for Layer 2 Bridging
Routing entries	● IPV4: 256,000 ● IPV6: 128,000
NetFlow Entries	128,000
Security ACL entries	32,000
Number of interfaces with unique ACLs	512
MAC ACLs on IP	No
Aggregate Traffic Rate-Limiting Policers	1,023
NAT	Hardware assisted
DRAM	● MEM-S3-1GB: Catalyst 6500 1GB SP DRAM for Sup720 and Sup720-3B ● MEM-MSFC2-512MB: Catalyst 6500 512MB DRAM on the MSFC2 or SUP720 MSFC3

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