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Overview

Cisco Catalyst 6500 Series Virtual Switching Supervisor Engine VS-S720-10G-3CXL is the first supervisor engine combines 10GB Ethernet uplinks and IPV6 in hardware in an industry. The supervisor engine VS-S720-10G-3CXL designs for enterprise core, distribution (backbone area) applications and data centers, along with high-density uplinks and hardware-based feature set, enabling customers to build high-performance, feature-rich campus networks, metropolitan aggregation, and various WAN edge networks.

To increase system bandwidth, enable high availability and operational efficiency, Supervisor Engine VS-S720-10G-3CXL is the primary factor to form VSS 1440 Virtual Switching System. The System virtualization technology of VSS 1440 bundles multiple Cisco Catalyst 6500 Series Switches into one virtual switch, enhancing the system bandwidth to 1.4 Tbps. The solution bring various advantages for enterprise network, such as increasing operational efficiency, boosting nonstop communication, doubling system bandwidth, using existing multilayer switching architecture, providing slot efficiency and improving resiliency.

The supervisor Engine VS-S720-10G-3CXL supports for all Cisco Catalyst 6500 series interface line cards. For the first time in the industry, with all links active, the Cisco Catalyst Supervisor engine VS-S720-10G-3CXL with 10G Ethernet uplinks offers improved forwarding capacity and system throughput, makes this supervisor an exceptional choice in all network locations.

Quick Specification

Product Code	VS-S720-10G-3CXL
Support for Cisco VSS 1440	Yes
MAC entries	96,000
IP Routes	1,000,000 (IPv4); 500,000 (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	• 256,000
MPLS	• MPLS in hardware to enable use of Layer 3 VPNs and EoMPLS tunneling. • Up to 1024 VRFs with a total of up to 1,000,000 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-3CXL?

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

Specific Data Sheet:

Product Description	Catalyst 6500 Supervisor engine 720-10G-VSS (PFC 3CXL)
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	256,000
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: 1,000,000 ● IPV6: 500,000
Security ACL entries	32,000
Number of interfaces with unique ACLs	4,000
MAC ACLs on IP	Yes
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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HongKong Office Tel: +00852-66181601

HangZhou Office Tel: +0086-571-86729517

Email: info@hi-network.com

Skype: echo.hinetwork

WhatsApp Business: +8618057156223