

Multi-Homing Gateway NUS-MH320



Regarding those enterprises' demands in Internet is climbing; depending on single Internet connection might raise the risk of ceasing function due to disconnection. Thus, only a network with Multi-Homing gateway can guarantee the business network a stable and functional Internet connection.

NUS-MH320 comes in all functions you need, namely are firewall, multi-homing, outbound load balance, IPSec/PPTP VPN, bandwidth management, 3A server(Authentication, Authorization and Accounting), content blocking, virus alarm, etc. Apart from offering users both multi-homing and outbound load balance functions, NUS-MH320 also simplify the complex deployment, in other words, it lowers the spent on appliances. Help MIS engineer have a better management of bandwidth and users.

Software Features

Load Balance

NUS-MH320's load balance algorithm can evenly distribute the bandwidth to each WAN port. When Multi-homing joins force with load balance making the most use of bandwidth to ensure enterprise a stable and constantly Internet connection.

Content Blocking

Content Blocking includes IM Blocking, URL Blocking, Script Blocking, P2P Blocking, and Download / Upload Blocking. MIS engineer can limit internal users' Internet activity by setting up Content Blocking.

3A Server

Authentication: Supports the external RADIUS , POP3 authentication .

Authorization: Fully control the inbound and outbound connection by policy management.

Accounting: Can adjust the enterprise network policy by accounting report.

Standard VPN Solution

IPSec and PPTP VPN are supported. MIS engineer can flexibly manage all VPN sessions by policy management.

Abnormal Flow Detection

When internal virus-infected computers send numerous packets constantly tending to occupy the bandwidth, NUS-MH320 will not only block that abnormal flow, but also report it to MIS engineer and warn the users of infected computers.



Product Highlights

- © Built-in outbound load balance evenly distributes the bandwidth to each Internet line ensuring enterprise a stable and functional network.
- © NUS-MH320 can distribute the limited bandwidth to each user according to the settings of Guaranteed Bandwidth, Maximum Bandwidth and Priority; avoid bandwidth being monopolized by certain people.
- © Prevents employees using Instant Messengers (Skype VoIP, MSN, Yahoo Messenger, ICQ and QQ) and P2P software (BT, eDonkey, etc.) during office hour.
- © 3A server, Authentication determines internal users the right to access to the Internet; Authorization decides what Internet service (ex. HTTP / FTP) can be used; Accounting visualizes detailed Internet activities by demonstrating graphics.
- © Offering MIS engineer and network users the virus alarm function when abnormal flow occurred.

Deployment



Hardware

The 10/100 Base-TX Ports

10/100 Base-TX ports

System Management

Use the web management interface (HTTP & HTTPS)

Supported Service Protocol

Supports the Protocol of ARP, TCP/IP, UDP, ICMP, DHCP, HTTP, IPSec, FTP, SMTP, POP3, IKE

Interface

1-LAN Port (10 / 100)
2-WAN Port (10 / 100)
1-DMZ Port (10 / 100)

Environmental Requirements

operating temperature: 0~60°C
operating relative humidity: 5%~95%

Electromagnetic Certifications

FCC, CE

Physical Specifications

20.4(L) x 33.0 (W) x 4.3(H) cm

Power Requirement

Input Voltage: DC 12V 1.5A

Rack Mount Equipment

Designed for the desktop placement

Multi-Homing Gateway Series Comparison

Model		NUS-MH700	NUS-MH320
Hardware Specification			
InreInterface	LAN	1 (10 / 100)	1 (10 / 100)
	WAN	2 (10 / 100)	2 (10 / 100)
	DMZ	1 (10 / 100)	1 (10 / 100)
Size		1U Rackmount	13" Desktop
Corporation Size		30~70 PCs	20~30 PCs

Software Features			
VPN	IPSec / PPTP VPN	○	○
	VPN Trunk	○	×
	SSL VPN	○	×
SPI Firewal		○	○
Content Blocking		○	○
QoS		○	○
Personal QoS		○	○
3A Server		○	○
Load Balance	Outbound	○	○
	Inbound	×	×
High Availability		×	×
Maximum Users		Unlimited	Unlimited

Performance Summary			
Throughput	WAN <=> LAN	190 Mdns	110 Mdns
	VPN IPSec (3DES)	35 Mdns	20 Mdns
	SSL VPN (3DES)	4 Mdns	×
New Sessions per second		1030	750
Max Concurrent Sessions		110000	45000