

# Netmon NPB5000

Netmon 100G/40G/10G/1G Network Packet Broker

## Netmon NPB5000 is high density network system that supports Packet mirroring, Aggregation & Distribution, Traffic Load Balancing and Filtering.

Netmon NPB5000 provides comprehensive visibility for packet monitoring and analysis because it can mirror packets or set up various packet flows, such as aggregation and distribution, and helps increase the efficiency and safety of security appliance in conjunction with security appliance.

Netmon NPB5000's filtering capabilities allow you to use custom filters in addition to filters such as IP addresses, L4 ports, and protocol types, and provide Ingress and Egress filtering to increase the performance of your security appliance.

It offers three product models: **NPB5000-NPB** for improved visibility, **NPB5000-TAP** with TAP functionality, and **NPB5000-Bypass** with Bypass functionality. Netmon NPB5000 offers network I/F, including 100G, 40G, 10G, and 1G, so it can be used in a variety of network environments.



### Highlights

- Provide Network Packet Broker, Network Bypass Switch, Intelligent TAP functionality
- Provide 1G/10G/40G/100G Network Modules
- Support various Heartbeat Type (L2 MAC, IPV4, ICMP, TCP\_SYN, UDP, IPV4)
- Support Packet Filtering : Src-IP/Dst-IP, Src-MAC/Dst-MAC, TCP/UDP Src/Dst-port, IPV6
- Support Packet Aggregation(1:N, N:1, N:N)
- Support Load Balancing
- Provide Appliance Redundancy
- Provide Network and Monitoring 8 ports (1G/10G 8Port, 40G/100G 2 Port) per Module
- Support Copper, Fiber (SX/LX) and SFP
- Support CLI and Web GUI management (https, telnet)
- Support LLCf(Link Loss Carry Forward) functionality
- Support Bypass functionality without packet loss even when power is off
- Support SNMP / SNMP Trap
- Support NTP, SYSLOG, In/Out Traffic statistics
- Support AAA, Radius, TACACS+ Authentication
- Provide Ethernet Mgmt port and Serial console
- Provide Power Supply Redundancy and 1U Rackmount chassis

## NPB5000 Modules

### NPB Module

1G Copper x8 (MS-1G8C)	10G Copper x8 (MS-10G8C)	1G Optic x8 (MS-1G8S)	10G Optic x8 (MS-10G8S)	40G Optic x2 (MS-40G2Q)	100G Optic x2 (MS-100G2Z)

### Bypass Module

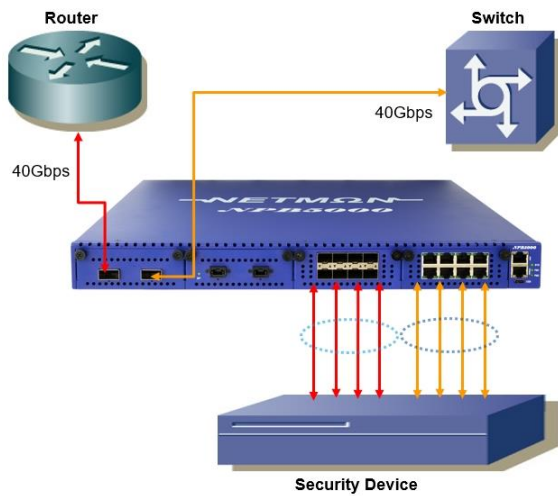
1G Copper 2S (MB-1G8C)	10G Copper 2S (MB-10G8C)	1G Optic 2S (MB-1G8S)	10G Optic 2S (MB-10G8S)	40G Optic 1S (MB-40G2Q)	100G Optic 1S (MB-100G2Z)

### TAP Module

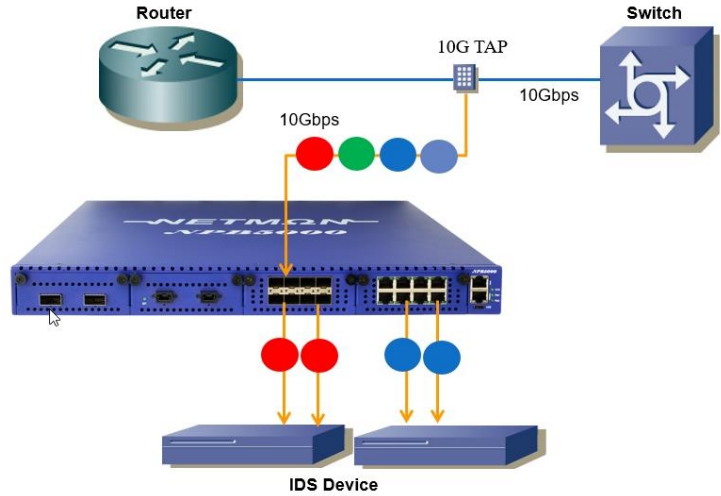
1G Copper 2S (MT-1G8C)	10G Copper 2S (MT-10G8C)	1G Optic 2S (MT-1G8S)	10G Optic 2S (MT-10G8S)	40G Optic 1S (MT-40G2Q)	100G Optic 1S (MT-100G2Z)

## Example Configuration

### Packet Aggregation & Load Balancing



### Packet Filtering & Mirroring



## Web GUI

