

Server Network Adapter with Fail-Safe Protection

Netmon Bypass NIC

Key Features

Software controllable Normal, Bypass and Nolink Mode

- Controllable Default Mode, Current Mode, Bypass Mode, Nolink Mode By Utility/API

Application controllable Mode By Script level or API

- Script level controllable by Compiled commands
- Integrated with existent applications by API

Software Programmable Normal, Bypass, Nolink Mode at Power up

- Flexible policy configurable Based on operation circumstances

Software Programmable Normal, Bypass Mode at Power off

Support Default mode(non-volatile registers) & Current mode(volatile registers)

- Default mode is recoverable after rebooting
- Current mode is changeable while operating
- 6 sorts of default & current Mode configurable by software & command
- Bypass, Inline, Standard, No Link, etc.

Software Programmable Watch Dog Timer

- Flexible timer configurable for efficient operation

Support Link Fault Management (LFM)

- When one link of port downs, the other port downs simultaneously

Event logging History & Recording

- Support Logging for various events
- 14 sorts of event such as bypass/inline, mode change, link up/down, etc.

Separate Installation of NIC & Bypass driver

- Useful update/patch for individual driver

Support Various OS

- Redhat Linux, CentOS, Fedora, Ubuntu, etc.

10Gigabit Bypass NIC



NBA-40G2S 10G Dual Optic Bypass Adapter

1Gigabit Bypass NIC



NBA-4G2C
1G Dual Copper Bypass Adapter



NBA-8G4C
1G Quad Copper Bypass Adapter



NBA-4G2S
1G Dual Optic Bypass Adapter



NBA-8G4S
1G Quad Optic Bypass Adapter

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Product Specifications

Products Name	Netmon Bypass Adapter
Products Model No.	NBA-40G2S : 10G Dual Optic Bypass Adapter
	NBA-4G2C : 1G Dual Copper Bypass Adapter
	NBA-4G2S : 1G Dual Optic Bypass Adapter
	NBA-8G4C : 1G Quad Copper Bypass Adapter
	NBA-8G4S : 1G Quad Optic Bypass Adapter
Ethernet Controller	10G Bypass Card : Intel XL710
	1G Bypass Card : Intel i350
Bus Interface	10G Bypass Card : PCI Express x8 Gen3
	1G Bypass Card : PCI Express x4 Gen2
Form Factor	NBA-40G2S : 166mm x 69mm
	NBA-4G2C : 167mm x 69mm
	NBA-4G2S : 166mm x 69mm
	NBA-8G4C : 167mm x 69mm
	NBA-8G4S : 166mm x 98mm
Working Temperature	0°C-55°C (32°F-131°F)
Working Humidity	85%
Storage Temperature	-40°C-70°C (-40°F-158°F)
Storage Humidity	35°C 90%