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Overview

Cisco NIM-ES2-4 is a Cisco 4000 Series Integrated Services Router 4-Port Gigabit Ethernet Switch Module. The 4-port Cisco Gigabit Ethernet LAN Switch Network Interface Modules (NIMs) can reduce your company's total cost of ownership (TCO) by integrating Gigabit Ethernet switch ports within Cisco 4000 Series Integrated Services Routers (ISRs). These low-density Gigabit Ethernet switches offer small to medium-sized businesses and enterprise branch offices a combination of switching and routing integrated into a single device

Quick Specification

Product Code	NIM-ES2-4
Form factor	Single-wide NIM form factor
Ports	4-port Gigabit Ethernet
Dimensions (H x W x D)	0.8 x 3.1 x 4.8 in. (2.1 x 7.9 x 12.2 cm)
Weight	79g (0.17 lb)

Product Details:

The Front Panel:

Accessories for NIM-ES2-4:

Plateform Support:

Platform	Platform Maximum Support
Cisco 4221	2
Cisco 4321	2
Cisco 4331	2
Cisco 4351	3
Cisco 4431	3
Cisco 4451	3

Compare To Similar Items:

Model	NIM-ES2-4	NIM-ES2-8
Form factor	Single-wide NIM form factor	Single-wide NIM form factor
Ports	4-port Gigabit Ethernet	8-port Gigabit Ethernet
Dimensions (H x W x D)	0.8 x 3.1 x 4.8 in. (2.1 x 7.9 x 12.2 cm)	0.8 x 6.2 x 4.8 in. (2.1 x 18.8 x 12.2 cm)
Weight	79g (0.17 lb)	108g (0.24 lb)

Get more information:

Do you have any question about the NIM-ES2-4?

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

Specific Data Sheet:

Product Number	NIM-ES2-4
Form factor	Single-wide NIM form factor
Dimensions (H x W x D)	0.8 x 3.1 x 4.8 in. (2.1 x 7.9 x 12.2 cm)
Weight	79g (0.17 lb)
Standards	
IEEE protocols	· Gigabit Ethernet: IEEE 802.3 and 10BASE-T · Gigabit Ethernet: IEEE 802.3u, 100BASE-TX, and 1000BASE-TX · IEEE 802.1d Spanning Tree Protocol · IEEE 802.1p CoS for Traffic Prioritization

	· IEEE 802.1q VLAN · IEEE 802.1X Security · IEEE 802.3x Full Duplex · IEEE 802.3af Power over Gigabit Ethernet Standard
RFC	RFC 2284, PPP Extensible Authentication Protocol (EAP)
MIBs	· RFC 1213 · IF MIB · RFC 2037 ENTITY MIB · CISCO-CDP-MIB · CISCO-IMAGE-MIB · CISCO-FLASH-MIB · OLD-CISCO-CHASSIS-MIB · CISCO-VTP-MIB · CISCO-HSRP-MIB · OLD-CISCO-TS-MIB · CISCO-ENTITY-ASSET-MIB · CISCO-ENTITY-FRU-CONTROL-MIB · BRIDGE MIB (RFC 1493) · CISCO-VLAN-MEMBERSHIP-MIB · CISCO-VLAN-IFINDEX-RELATIONSHIP-MIB · RMON1-MIB · PIM-MIB · CISCO-STP-EXTENSIONS-MIB · OSPF MIB (RFC 1253) · IPMROUTE-MIB · CISCO-MEMORY-POOL-MIB · ETHER-LIKE-MIB (RFC 1643) · CISCO-ENTITY-FRU-CONTROL-MIB.my · CISCO-RTTMON-MIB · CISCO-PROCESS-MIB · CISCO-COPS-CLIENT-MIB
Manageability	· SNMP and Telnet interface support delivers comprehensive in-band management, and a CLI management console provides detailed out-of-band management. · An embedded RMON software agent supports four RMON groups (history, statistics, alarms, and events) for enhanced traffic management, monitoring, and analysis. · A SPAN port can mirror traffic from one or many ports to another port for monitoring all eight RMON groups with an RMON probe or network analyzer. · Trivial File Transfer Protocol (TFTP) reduces the cost of administering software upgrades by downloading from a centralized location. · Two LEDs per port provide convenient visual indication of the port link and PoE status. · Crash information support enables a switch to generate a crash file for improved troubleshooting. · Show-interface capabilities provide information about the configuration capabilities of any interface.
Connectors and cabling	· 10BASE-T ports: RJ-45 connectors, two-pair Category 3, 4, or 5 unshielded twisted pair (UTP) cabling · 100BASE-TX ports: RJ-45 connectors; two-pair Category 5 UTP cabling · 1000BASE-TX ports: RJ-45 connectors; two-pair Category 5e and Category 6 UTP cabling
LED indicators	· Link status LED: One LED per port for indicating link status

	· PoE LED: One LED per port system for PoE status indication
Power Requirements	
Internal power supply	Optional PoE system power supply available for all Cisco 4000 Series routers
Internal redundant power supply	For the Cisco 4431 and 4451 routers only
DC power support	· DC system power input available on the Cisco 4351, 4431, and 4451 routers · PoE option not available with DC system power input
Software support	Minimum Cisco IOS-XE Software Release 3.15 for Cisco 4000 Series routers: IP Base License of the Universal image
Environmental	
Operating temperature	32° to 104°F (0° to 40°C)
Operating humidity	10 to 90 percent, noncondensing
Nonoperating temperature	-4° to 149°F (-20° to 65°C)
Operating altitude	15,000 ft (4,570m)
Regulatory compliance, safety, and EMC	When installed in a Cisco 4000 Series router, the Cisco Gigabit Ethernet LAN Switch NIM meets the standards (regulatory compliance, safety, and EMC) of the router itself. Refer to the data sheets for the Cisco 4000 Series routers for more details.

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