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Refurbished CISCO NM-4E Datasheet

CISCO > ROUTERS

Products

Cisco 2600 Series Benefits

Versatility and Investment Protection

Modular Architecture that Shares Interfaces with Cisco 1700 and Cisco 3700 Series Routers	Network interfaces are field-upgradeable to accommodate future technologies. Additional services can be added on an "integrate as you grow" basis. This architecture takes advantage of the large existing portfolio of WICs, virtual interface cards (VICs), network modules, and AIMs shared across platforms to reduce sparing, training, configuration and installation, and maintenance costs.
LAN and WAN Connectivity Integrated into Chassis	Voice and WIC support can be used for WAN (data-only) connectivity and then redeployed to support channelized voice and data or packet voice applications. The Cisco 2600 Series offers integrated 10/100 Ethernet ports on most platforms. A combination of AIMs and WICs along with network modules provides greater flexibility to create new configurations as requirements change.
Flexible IP Telephony and Voice Gateway Configurations	The Cisco 2600 Series helps enable incremental migration from TDM infrastructure to IP telephony. Support for optional embedded call processing using Cisco CME for up to 72 IP Phones. Support for up to a 100 mailboxes using the Cisco Unity ® Express voice messaging system is possible with the integration of an optional voice-mail AIM or network module. The Cisco 2600 Series is compatible with over 90 percent of the world's TDM private branch exchanges (PBXs). The Cisco 2600 Series offers configuration options for higher density and mixed analog and digital gateway configurations. New voice gateway bundles include the features needed for immediate integration of voice and data.
AIM Slot	The architecture is expandable for integration of advanced services such as hardware-assisted data compression, encryption, voice, and ATM. The Cisco 2600 Series maximizes performance by offloading processor-intensive applications to a coprocessor. The AIM slot provides expanded services, freeing the network module slot for other applications.

Enterprise and Managed Service CPE-Class Performance

High-Performance Architecture	The Cisco 2600 Series offers support for advanced QoS features such as the Resource Reservation Protocol (RSVP), Weighted Fair Queuing (WFQ), and IP Precedence to reduce recurring WAN costs. The Cisco 2600 Series offers support for cost-effective, software-based data compression and data encryption. Integration of traditional networks is accomplished with data-link switching plus (DLSW+) and Advanced Peer-to-Peer Networking (APPN). High-speed routing performance of up to 70,000 packets per second offers maximum scalability to support more concurrent functions (Cisco 2691).
Security	Cisco IOS Firewall feature sets provide support for advanced security features such as Context-Based Access Control (CBAC), Java blocking, denial-of-service protection, intrusion prevention, and audit trails. Network Admission Control (NAC) support provides Anti-virus protection and is available with an optional upgrade to a Cisco IOS Security image. The high-performance architecture helps enable security features such as data encryption, tunneling, and user authentication and authorization for VPN access. The Cisco 2600 Series supports the Advanced Encryption Standard (AES). The Cisco 2600 Series offers optional encryption AIMs, providing up to 80 Mbps of encryption performance. URL filtering is available onboard with an optional content-engine network module or externally with a PC server running URL filtering software working in conjunction with IOS. Support for the Cisco Router and Security Device Manager (SDM) provides support faster and easier deployment of security and WAN access features. An optional IDS network module is available that is capable of monitoring up to. 45 Mbps of traffic and has support for over 1000 intrusion prevention signatures.

Reliability

Support for Optional Redundant Power	The Cisco 2600 Series accommodates an optional redundant power supply and minimizes network downtime. The redundant power supply can be shared with other network components such as the Cisco

	Catalyst ® 2950 Series to protect the network from downtime due to power failures.
Survivable Remote Site Telephony	The Cisco 2600 Series helps enable branch offices to take advantage of centralized voice applications while cost-effectively providing backup redundancy.
Simplified Management	
Cisco Router and Security Device Manager (SDM)	The Cisco SDM is an intuitive, easy-to-use, Web-based device management tool embedded within the Cisco IOS Software access routers. The Cisco SDM helps enable resellers and customers to quickly and easily deploy, configure, and monitor a Cisco access router without requiring knowledge of the Cisco IOS Command-Line Interface (CLI).
Integrated CSU and DSU, Add/Drop Multiplexers, Analog Modems, and NT1 Options	This integration helps enable remote management of all CPE elements for higher network availability and lower operational costs.
Enhanced Setup Feature	Context-sensitive questions guide the user through the router configuration process, allowing faster deployment.
Support for Cisco AutoInstall	Remote routers are configured automatically across a WAN connection to save the cost of sending technical staff to the remote site.
VLAN Support	VLAN support enables inter-VLAN routing with the Cisco Inter-Switch Link (ISL) protocol and 802.1Q.

Cisco 2600 Series Network Modules

LAN and WAN Network Modules	
LAN and WAN Network Modules	4-port Ethernet network module
LAN and WAN Network Modules	X
LAN and WAN Network Modules	X

The next steps...

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