

CISCO NPE G2

NETWORK PROCESSING CARD



Increasingly, Business Applications and Services affect Aggregation Requirements and router-integrated Services across the WAN and Metropolitan Area Network (MAN)—in both the Branch Office and Headquarters. Consequently to continue to meet the increasing Need for Performance for integrated Services at the Branch Office and Headquarters and to maintain exceptional Value and Flexibility, Cisco Systems® introduces the newest Processor for the Cisco® 7200VXR Series, the Cisco 7200VXR NPE-G2 Network Processing Engine (Figure 1). The Cisco NPE-G2 addresses the Demand for Performance and Flexibility by further increasing its Processing Capacity and enabling the latest Cisco IOS® Software Features.

- Provides double Performance compared to the Cisco 7200 VXR NPE-G1
- Up to two Million Packets per second (pps) in Cisco Express Forwarding
- Offers three 10/100/1000 Mbps copper Ethernet ports and optical ports that do not Consume any Bandwidth Points
- Provides one dedicated 10/100 Mbps Copper Ethernet port for Management
- Provides two USB Ports for General Storage and Security token Storage
- Offers 1 GB of DRAM Memory by Default
- Eliminates the Requirement for an I/O Controller
- Extends the Use of the available I/O Slot for a single Port Adapter or a Cisco 7200VXR VPN Services Adapter (VSA)
- Offers greatly improved Price/Performance Ratio

SPECIFICATIONS

CONNECTIVITY		PROCESSOR	
Gigabit Ethernet Ports	Three 10/100/1000 Ports	1.67-GHz Motorola Freescale 7448 Processor	
Gigabit Ethernet Port Features	IEEE 802.1Q Standard	ENVIRONMENTAL CONDITIONS	
Types of GBICS	SX, LX/LH, and ZX	Storage Temperature	-40-70°C
Console and Auxiliary Ports	<input checked="" type="checkbox"/>	Operating Temperature	5-40°C
Management 10/100 Mbps Ethernet Port			
MEMORY		Storage Relative Humidity	5-95%
1 GB SDRAM		Operating Humidity	5-85%
256 MB Compact Flash		Operating Altitude	-60 - 2000 m
Two MB NVRAM		PHYSICAL	
One MB Layer two Cache		Dimensions (HxWxD)	3.556 x 38.481 x 28.245 cm
64-MB Bootflash			
USB Ports			