



DATA SHEET

CISCO 7200 SERIES ROUTER— NETWORK PROCESSING ENGINE NPE-225

In order to support a variety of applications, bandwidth, and price/performance, the Cisco® 7200 Series routers offer a choice of network processing engines (NPEs). Table 1 lists the product names and descriptions of each NPE available to customers.

Table 1. Cisco 7200 Series Network Processing Engines

Product Number	Product Description
NPE-225	Cisco 7200 Network Processing Engine NPE-225
NSE-1	Cisco 7200VXR Network Service Engine NSE-1
NPE-400	Cisco 7200VXR Network Processing Engine NPE-400, including 128 MB SDRAM
NPE-G1	Cisco 7200VXR Network Processing Engine NPE-G1

MAXIMIZING CISCO 7200 VALUE—NPE-225

With requirements for high-speed network connectivity growing every day, Enterprise and Service Provider customers want high performance today and investment protection for the future. The NPE-225 offers a competitive price point with these features:

- Performance up to 225 Kpps
- Processor modularity and upgradeability
- Excellent price/performance
- Feature rich, extensively deployed Cisco IOS® Software

COMPATIBILITY OF THE NPE-225 CHASSIS

The NPE-225 is compatible with the following Cisco 7200 Series chassis:

- Cisco 7204
- Cisco 7206
- Cisco 7204VXR
- Cisco 7206VXR

I/O CONTROLLERS

The NPE-225 is supported on the following Cisco 7200 Series I/O controllers:

- C7200-I/O
- C7200-I/O-FE
- C7200-I/O-2FE/E

SOFTWARE

The NPE-225 is supported in 12.0(9)S, 12.1(1)E, 12.1(1)T, 12.1(1), 12.2(1), 12.2(2)T and later Cisco IOS releases.

HARDWARE FEATURES OF THE NPE-225

- 262-MHz RM5271 processor
- 2 MB L2 cache
- 128 MB SDRAM default memory (expandable to 256 MB)

SPECIFICATIONS OF THE NPE-225

Physical

- Weight: 3.25 lbs. (1.49 kg)
- Dimensions (H x W x D): 1.40 x 15.15 x 11.12 in. (3.556 x 38.481 x 28.245 cm)

Environmental

- Storage temperature: –38° to 150°F (–40° to 70°C)
- Operating temperature, nominal: 41° to 104°F (5° to 40°C)
- Operating temperature, short-term: 23° to 131°F (–5° to 55°C)
- Storage relative humidity: 5 to 95 percent relative humidity (RH)
- Operating humidity, nominal: 5 to 85 percent RH
- Operating humidity, short term: 5 to 90 percent RH
- Operating altitude: –60 to 4000m

REGULATORY COMPLIANCE

Safety and Electromagnetic Emissions Certification

- UL (Underwriters Laboratories) certified for use in the U.S.
- CSA (Canadian Standards Association) certified
- EN (European Norm) certified
- IEC (International Electrotechnical Commission) certified
- AS/NZS (Australia/New Zealand Standard) certified
- FCC Part 15 Class A device for electromagnetic interference limits
- FCC Part 68 for connection to the public telephone network
- For additional information, refer to: <http://www.cisco.com/univercd/cc/td/doc/product/core/7206/3419pnc6.htm>

Immunity

- Electrostatic Discharge EN61000-4

ORDERING INFORMATION

Table 2. Ordering Information

Product Number	Product Description
NPE-225	Network Processing Engine NPE-225 (128MB default memory)
NPE-225=	Network Processing Engine NPE-225 (128MB default memory)—Spare

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