



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

**Corporate Headquarters**

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 526-4100

European Headquarters

Cisco Systems International BV
Haarlerbergpark
Haarlerbergweg 13-19
1101 CH Amsterdam
The Netherlands
www-europe.cisco.com
Tel: 31 0 20 357 1000
Fax: 31 0 20 357 1100

Americas Headquarters

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-7660
Fax: 408 527-0883

Asia Pacific Headquarters

Cisco Systems, Inc.
168 Robinson Road
#28-01 Capital Tower
Singapore 068912
www.cisco.com
Tel: +65 6317 7777
Fax: +65 6317 7799

Cisco Systems has more than 200 offices in the following countries and regions. Addresses, phone numbers, and fax numbers are listed on the **Cisco Website at www.cisco.com/go/offices.**

Argentina • Australia • Austria • Belgium • Brazil • Bulgaria • Canada • Chile • China PRC • Colombia • Costa Rica
Croatia • Cyprus • Czech Republic • Denmark • Dubai, UAE • Finland • France • Germany • Greece • Hong Kong SAR
Hungary • India • Indonesia • Ireland • Israel • Italy • Japan • Korea • Luxembourg • Malaysia • Mexico
The Netherlands • New Zealand • Norway • Peru • Philippines • Poland • Portugal • Puerto Rico • Romania • Russia
Saudi Arabia • Scotland • Singapore • Slovakia • Slovenia • South Africa • Spain • Sweden • Switzerland • Taiwan
Thailand • Turkey • Ukraine • United Kingdom • United States • Venezuela • Vietnam • Zimbabwe

All contents are Copyright © 1992–2005 Cisco Systems, Inc. All rights reserved. Cisco, Cisco IOS, Cisco Systems, and the Cisco Systems logo are registered trademarks or trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or Website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0501R) Pa/LW7910 02/05

