

DATA SHEET

CISCO 7200 SERIES NETWORK PROCESSING ENGINE NPE-400

The Cisco 7200 offers a variety of options for customers looking to maximize value for specific applications in their network. The Cisco 7200 Series NPE-400 offers customers tremendous value for key applications including customer premise equipment (CPE) and DS1/DS3 aggregation. Key benefits include:

- Performance of up to 400 kpps in CEF switching
- Processor modularity and upgradeability
- Increased Cisco 7200 value proposition

Figure 1

Cisco 7200 Series NPE-400



COMPATIBILITY OF THE NPE-400

Chassis

The NPE-400 is supported on the Cisco 7200 Series VXR chassis.

I/O Controllers

The NPE-400 is supported on the following Cisco 7200 Series I/O controllers:

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

Software

The NPE-400 is supported in 12.1(3A)E, 12.1(5)T1, 12.0(14)S, and later Cisco IOS® releases.

KEY FEATURES OF THE NPE-400

Hardware and Software Features

- 350-MHz RM7000A RISC processor
- 4 MB L3 cache
- 128 MB SDRAM default memory (expandable to 512 MB)
- 16 MB packet memory on 128/256 MB SDRAM and 32 MB packet memory on 512 MB SDRAM
- ECC support

SPECIFICATIONS OF THE NPE-400

Table 1. NPE-400 Physical Specifications

Category	Specification
Dimensions (H x W x D)	1.40 x 15.15 x 11.12 in. (3.556 x 38.481 x 28.245 cm)
Weight	3.25 lbs. (1.49 kg)
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 85 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
Immunity	Electrostatic Discharge EN61000-4

Table 2. Ordering Information

Product Number	Product Description
NPE-400	Cisco 7200VXR Network Processing Engine NPE-400, including 256 MB SDRAM
NPE-400=	Cisco 7200VXR Network Processing Engine NPE-400, including 256 MB SDRAM—Spare

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