

SIMATIC S7-400 COMMUNICATION

Product Data Sheet

6GK7442-1RX00-0XE0

redundant network processor

FUNCTION redundant network processor	FAMILY SIMATIC S7-400 communication	ORIGIN Germany	WEIGHT 0.85 kg
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Siemens Simatic Net 6GK7442-1RX00-0XE0 is a redundant network processor for the SIMATIC S7-400 communication. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Ethernet Interfaces	1 standard plus 2 RNA ports
Ethernet Rate	10/100 Mbit/s
RNA Port Rate	100 Mbit/s full duplex
Protocols	ISO, ISO-on-TCP, TCP and UDP
Redundancy Protocol	Parallel Redundancy Protocol
Rack Supply	5 V DC via S7-400 backplane
Current Consumption	2 A
Power Dissipation	10 W
Operating Temperature	0 to +60 °C
Storage Temperature	-40 to +70 °C

ADDITIONAL PRODUCT DATA

Protection Degree	IP20
Mounting Platform	SIMATIC S7-400 rack
Web Diagnostics	Integrated web diagnostics
Network Management	SNMPv1
Time Synchronization	Network time synchronization

OFFICIAL APPLICATIONS

- Boiler and turbine auxiliary control: Generation Control Systems
- Reactor and separation process automation: Process Automation Systems
- Pumping and filtration plant automation: Utility Control Systems

SYSTEM COMPATIBILITY

Match 6GK7442-1RX00-0XE0 to the installed SIMATIC S7-400 communication, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product documentation](#)

Local manufacturer document: 6GK7442-1RX00-0XE0.pdf

AMIKON PRODUCT SUPPORT

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