

SIMATIC S7-300

Product Data Sheet

6GK7343-1EX30-0XE0

CP 343-1 Ethernet Processor

PORTS	SPEED	SUPPLY	PROTECTION
2 × RJ45	10/100 Mbps	24 V DC	IP20

Siemens 6GK7343-1EX30-0XE0 connects an S7-300 station to Industrial Ethernet and supports PROFINET IO controller or device operation.

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VERIFIED TECHNICAL DATA

Product type	CP 343-1 communications processor
Network	Industrial Ethernet
PROFINET interface	1 with 2-port switch
Ethernet ports	2 × RJ45
Transmission rate	10/100 Mbps
PROFINET role	IO controller or IO device
S7 communication	Supported
FETCH/WRITE	Supported

Values are limited to this exact Siemens order number and the cited official manual.

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ADDITIONAL VERIFIED DATA

SEND/RECEIVE	RFC1006 supported
External supply	24 V DC; 20.4–28.8 V
External current	200 mA maximum
Power loss	5.8 W
Degree of protection	IP20
Dimensions W × H × D	40 × 125 × 120 mm
Weight	Approx. 220 g

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PRODUCT FUNCTION

The official manual specifies S7 communication, FETCH/WRITE, SEND/RECEIVE via RFC1006, two RJ45 ports, 24 V DC external supply and installation in permitted S7-300 rack slots.

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OFFICIAL APPLICATIONS

- PROFINET IO controller operation
- PROFINET IO device operation
- S7 communication over Industrial Ethernet
- FETCH/WRITE data exchange
- SEND/RECEIVE communication using RFC1006

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OFFICIAL SOURCES

[Siemens exact product record](#)

[CP 343-1 Equipment Manual](#)

AMIKON PRODUCT SUPPORT

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