

SIMATIC NET INDUSTRIAL COMMUNICATION

Product Data Sheet

6GK7443-1EX30-0XE0

Industrial Ethernet communication processor

FUNCTION	FAMILY	ORIGIN	WEIGHT
Industrial Ethernet communication proc	SIMATIC NET industrial communication	Germany	0.833 kg

Siemens SCALANCE 6GK7443-1EX30-0XE0 is a Industrial Ethernet communication processor for the SIMATIC NET industrial communication. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

at the 1st interface	10 ... 100 Mbit/s
number of active connections / with multi-protocol mode	128
protocol / is supported / Media Redundancy Protocol (MRP) Yes	
number of interfaces / according to Industrial Ethernet	2
interfaces at the 1st interface / according to Industrial	RJ45 port
C-PLUG	No
supply voltage / 1 / from backplane bus	5 V
at 5 V	5 %
from backplane bus / at DC / at 5 V / typical	1.4 A
power loss [W]	7.25 W

- Connect controllers, drives and operator stations: Use 6GK7443-1EX30-0XE0 to carry configured plant Ethernet traffic while preserving VLANs, device names, management addresses and documented port assignments.
- Build managed machine and cell connections: Match RJ45, SFP or media-module interfaces documented for 6GK7443-1EX30-0XE0; maintain approved link speed, redundancy protocol and optical transceiver selection.
- Verify managed switching and diagnostics: After installing 6GK7443-1EX30-0XE0, confirm link state, ring or standby behavior, PROFINET diagnostics and permitted management access before restoring control traffic.

Match 6GK7443-1EX30-0XE0 to the installed SIMATIC NET industrial communication, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens Industry Mall technical product data](#)

<https://mall.industry.siemens.com/mall/en/kettanehjoown/Catalog/Product?SiepCountryCode=OE&mlfb=6GK7443-1EX30-0XE0>