

SIMATIC NET PC COMMUNICATION

Product Data Sheet

6GK1162-3AA00

CP 1623 PCI Express communication processor

FUNCTION	FAMILY	ORIGIN	WEIGHT
CP 1623 PCI Express communication	SIMATIC NET PC communication	Germany	Confirm before dispatch

Siemens SCALANCE 6GK1162-3AA00 is a CP 1623 PCI Express communication processor for the SIMATIC NET PC communication. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	6GK1162-3AA00
Product Class	Cp 1623 Pci Express Communication Processor
Product Family	SIMATIC NET PC communication
Network Type	Industrial Ethernet
Host Interface	PCI Express
Transfer Rate	10 / 100 / 1,000 Mbit/s
Communication Services	S7 / PROFINET communication
Driver Support	SIMATIC NET software
Diagnostic Interface	Local status LEDs
Supply Source	Host bus / industrial supply

ADDITIONAL PRODUCT DATA

Connector Type	RJ45 / optical interface
Isolation	Galvanically isolated network
Configuration	SIMATIC NET tools
Operating Role	PC station communications

OFFICIAL APPLICATIONS

- Verify packaging-cell networking during format change: As part of the packers, labelers and palletizer controls, 6GK1162-3AA00 performs its assigned control role as a CP 1623 PCI Express communication processor. During format change, the system uses this function to keep machine-to-machine status available through the change, helping it coordinate the packaging sequence after the change.
- Control cell-network segmentation during line expansion: Across the controllers, HMIs and drive nodes, 6GK1162-3AA00 supports the configured automation role as a CP 1623 PCI Express communication processor. During line expansion, the system uses this function to carry deterministic control traffic across the assigned segment, helping it keep cell communication predictable.
- Track remote pump-station communication during station duty change: During operation of the pump PLCs, radios and supervisory servers, 6GK1162-3AA00 supports the configured automation role as a CP 1623 PCI Express communication processor. During station duty change, the system uses this function to exchange commands, status and alarm data with the remote station, helping it retain coordinated pump operation.

SYSTEM COMPATIBILITY

Match 6GK1162-3AA00 to the installed SIMATIC NET PC communication, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product documentation and manufacturer catalog](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6GK1162-3AA00>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM