

product type designation



CP 5612

Communications processor CP 5612 PCI card for connection connection of a PG or PC with PCI bus to PROFIBUS or MPI usable in 32 bit and 64 bit operating systems see also entry ID 22611503.

product brand name

SIMATIC NET

Technical Product Detail Page

<https://l.siemens.com/1P6GK1561-2AA00>

transfer rate

transfer rate

- at the 1st interface / according to PROFIBUS 9.6 kbit/s ... 12 Mbit/s

interfaces

number of electrical connections

- at the 1st interface / according to PROFIBUS 1

type of electrical connection

- at the 1st interface / according to PROFIBUS 9-pin Sub-D socket (RS 485)
- of the backplane bus PCI (32Bit 3,3V/5V UniversalKey 33/66MHz)

supply voltage, current consumption, power loss

type of voltage / of the supply voltage

DC

supply voltage

- 1 / from backplane bus 3.3 V
- 2 / from backplane bus 12 V

relative symmetrical tolerance / at DC

- at 3.3 V 9 %
- at 12 V 8 %

consumed current

- 1 / from backplane bus / at DC / maximum 0.15 A
- 2 / from backplane bus / at DC / maximum 0.25 A

power loss [W]

3.5 W

ambient conditions

ambient temperature

- during operation 5 ... 55 °C
- during storage -20 ... +60 °C
- during transport -20 ... +60 °C

relative humidity / at 25 °C / without condensation / during operation / maximum

95 %

protection class IP

IP00

design, dimensions and weights

module format

PCI

width

18 mm

height

107 mm

depth

125 mm

net weight

98 g

product features, product functions, product components / general

number of plug-in cards of same design / plug-in / per PC station	1
number of units / note	-
performance data / open communication	
software / for open communication / by means of SEND/RECEIVE / required	Yes, SOFTNET-PB DP / SOFTNET-PB DP Slave / SOFTNET-PB S7
number of possible connections / for open communication / by means of SEND/RECEIVE / maximum	50
performance data / PROFIBUS DP	
software / for DP master function / required	Yes, SOFTNET-PB DP
service / as DP master	
• DPV0	Yes
• DPV1	Yes
• DPV2	No
number of DP devices / on DP master / operable	64
data volume	
• of the address range of the inputs / as DP master / total	14640 byte
• of the address range of the outputs / as DP master / total	14640 byte
• of the address range of the inputs / per DP device	244 byte
• of the address range of the outputs / per DP device	244 byte
• of the address range of the diagnostic data / per DP device	244 byte
software / for DP device function / required	Yes, SOFTNET-PB DP slave
service / as DP device	
• DPV0	Yes
• DPV1	No
data volume	
• of the address range of the inputs / as DP device / total	122 byte
• of the address range of the outputs / as DP device / total	122 byte
performance data / S7 communication	
software / for S7 communication / required	Yes, SOFTNET-PB S7
number of possible connections / for S7/PG communication / maximum	8
performance data / multi-protocol mode	
number of configurable connections / per PC station	207
product functions / management, configuration, engineering	
configuration software / required	Included in the scope of delivery of the required software product
product functions / diagnostics	
product function	
• port diagnostics	Yes
standards, specifications, approvals / Environmental Product Declaration	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
• total	129.18 kg
• during manufacturing	33.2 kg
• during operation	95.92 kg
• after end of life	0.06 kg
accessories	
accessories	optional: MPI cable
further information / internet links	
internet link	
• to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
• to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
• to website: Industrial communication	https://www.siemens.com/simatic-net
• to web page: SiePortal	https://sieportal.siemens.com/
• to website: Image database	https://www.automation.siemens.com/bilddb
• to website: CAX-Download-Manager	https://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
security information	
security information	Siemens provides products and solutions with industrial cybersecurity functions

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Approvals / Certificates

General Product Approval

[Declaration of Conformity](#)


EG-Konf.





[China RoHS](#)

[Manufacturer Declaration](#)

General Product Approval

EMV

Environment


RCM

[China RoHS](#)





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