

Product type designation

CP 5621

COMMUNICATION PROCESSOR CP 5621 PCI EXPRESS X1-CARD (32 BIT); FOR CONNECT. A PG OR A PC WITH PCI EXPRESS-BUS TO PROFIBUS OR MPI; CURRENTLY ONLY 32BIT SUPPORT IN CONNECTION WITH SIMATIC NET V8.2 SW! ONLY FOR EXIST. APPLIC.; FOR WIN XP OR HIGHER 6GK1562-2AA00 RECOMMENDED SEE [HTTP://SUPPORT.AUTOMATION.SIEMENS.COM/WW/VIEW/ EN/84138725](http://support.automation.siemens.com/ww/view/EN/84138725)



Transmission rate

Transfer rate	
<ul style="list-style-type: none"> at the 1st interface / acc. to PROFIBUS 	9.6 kbit/s ... 12 Mbit/s

Interfaces

Number of electrical connections	
<ul style="list-style-type: none"> at the 1st interface / acc. to PROFIBUS 	1
Type of electrical connection	
<ul style="list-style-type: none"> at the 1st interface / acc. to PROFIBUS 	9-pin Sub-D socket (RS 485)

Supply voltage, current consumption, power loss

Type of voltage / of the supply voltage	DC
Supply voltage	
<ul style="list-style-type: none"> 1 / from backplane bus 	3.3 V
<ul style="list-style-type: none"> 2 / from backplane bus 	12 V
Relative symmetrical tolerance / at DC	
<ul style="list-style-type: none"> at 3.3 V 	9 %
<ul style="list-style-type: none"> at 12 V 	8 %
Consumed current	

• 1 / from backplane bus / at DC / maximum	0.4 A
• 2 / from backplane bus / at DC / maximum	0.18 A
Power loss [W]	2.2 W

Permitted 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	85 %
Protection class IP	IP00

Design, dimensions and weight

Module format	PCI Express x1
Width	18 mm
Height	111 mm
Depth	129 mm
Net weight	100 g
Number of plug-in cards of same design / plug-in / per PC station	1
Number of units / Note	-

Performance data

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 slaves / on DP master / usable	64
Amount of data	
• of the address area of the inputs / as DP master / total	14640 byte
• of the address area of the outputs / as DP master / total	14640 byte
• of the address area of the inputs / per DP slave	244 byte
• of the address area of the outputs / per DP slave	244 byte

<ul style="list-style-type: none"> • of the address area of the diagnostic data / per DP slave 	244 byte
Software / for DP slave function / required	Yes, SOFTNET-PB DP slave
Service / as DP slave	
<ul style="list-style-type: none"> • DPV0 • DPV1 	Yes No
Amount of data	
<ul style="list-style-type: none"> • of the address area of the inputs / as DP slave / total • of the address area of the outputs / as DP slave / total 	122 byte 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
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Product functions / management, configuration

Configuration software / required	Included in the scope of delivery of the required software product
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Product functions / Diagnosis

Product function	
<ul style="list-style-type: none"> • Port diagnostics 	Yes

Standards, specifications, approvals

Standard	
<ul style="list-style-type: none"> • for EMC • for safety / from CSA and UL • for emitted interference • for interference immunity 	2004/108/EC CAN/CSA C22.2 & UL 60950-1, UL 508 EN 61000-6-3, EN 61000-6-4 EN 61000-6-1, EN 61000-6-2
Certificate of suitability	
<ul style="list-style-type: none"> • CE marking • C-Tick 	Yes Yes

Accessories

accessories	optional: MPI cable
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Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> • to website: Selector SIMATIC NET SELECTION TOOL • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center 	http://www.siemens.com/snst http://www.siemens.com/simatic-net http://www.siemens.com/industrial-controls/mall http://www.siemens.com/industry/infocenter

- to website: Image database
- to website: CAx Download Manager
- to website: Industry Online Support

<http://automation.siemens.com/bilddb>

<http://www.siemens.com/cax>

<https://support.industry.siemens.com>

Security information

Security information

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