

### Product type designation

### CP 5621

Communications processor CP 5621 PCI Express X1 card (32 Bit); for connection of a PG or PC with PCI express bus to PROFIBUS or MPI currently Only 32-bit support with SIMATIC NET V8.2 Software! only for old applications, Down Windows XP is 6GK1562-2AA00 recommended see <http://support.automation.siemens.com/WW/view/DE/84138725>



### Transfer rate

#### Transfer rate

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

### Interfaces

#### Number of electrical connections

- at the 1st interface / acc. to PROFIBUS 1

#### Type of electrical connection

- 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

- 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	0.4 A
• 2 / from backplane bus / at DC / maximum	0.18 A
Power loss [W]	2.2 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	85 %
Protection class IP	IP00

#### Design, dimensions and weights

Module format	PCI Express x1
Width	18 mm
Height	111 mm
Depth	129 mm
Net weight	100 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

##### 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

<ul style="list-style-type: none"> <li>• of the address area of the outputs / per DP slave</li> </ul>	244 byte
<ul style="list-style-type: none"> <li>• of the address area of the diagnostic data / per DP slave</li> </ul>	244 byte
Software / for DP slave function / required	Yes, SOFTNET-PB DP slave
Service / as DP slave	
<ul style="list-style-type: none"> <li>• DPV0</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• DPV1</li> </ul>	No
Amount of data	
<ul style="list-style-type: none"> <li>• of the address area of the inputs / as DP slave / total</li> </ul>	122 byte
<ul style="list-style-type: none"> <li>• of the address area of the outputs / as DP slave / total</li> </ul>	122 byte
<b>Performance data / S7 communication</b>	
Software / for S7 communication / required	Yes, SOFTNET-PB S7
Number of possible connections / for S7/PG communication / maximum	8
<b>Performance data / multi-protocol mode</b>	
Number of configurable connections / per PC station	207
<b>Product functions / management, configuration, engineering</b>	
Configuration software / required	Included in the scope of delivery of the required software product
<b>Product functions / Diagnostics</b>	
Product function	
<ul style="list-style-type: none"> <li>• Port diagnostics</li> </ul>	Yes
<b>Standards, specifications, approvals</b>	
Standard	
<ul style="list-style-type: none"> <li>• for EMC</li> </ul>	2004/108/EC
<ul style="list-style-type: none"> <li>• for safety / from CSA and UL</li> </ul>	CAN/CSA C22.2 & UL 60950-1, UL 508
<ul style="list-style-type: none"> <li>• for emitted interference</li> </ul>	EN 61000-6-3, EN 61000-6-4
<ul style="list-style-type: none"> <li>• for interference immunity</li> </ul>	EN 61000-6-1, EN 61000-6-2
Certificate of suitability	
<ul style="list-style-type: none"> <li>• CE marking</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• C-Tick</li> </ul>	Yes
<b>accessories</b>	
accessories	optional: MPI cable
<b>Further information / Internet-Links</b>	
Internet-Link	
<ul style="list-style-type: none"> <li>• to website: Selector SIMATIC NET SELECTION TOOL</li> </ul>	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>
<ul style="list-style-type: none"> <li>• to website: Industrial communication</li> </ul>	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>

- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAx Download Manager
- to website: Industry Online Support

<http://www.siemens.com/industrial-controls/mall>  
<http://www.siemens.com/industry/infocenter>  
<http://automation.siemens.com/bilddb>  
<http://www.siemens.com/cax>  
<https://support.industry.siemens.com>

## Security information

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