

### Product type designation

### CP 5622

Communications processor CP 5622 PCI Express X1 card for Connection of a PG or PC with PCI Express bus to PROFIBUS or MPI can be used under 32 bit and 64 bit For operating systems also refer to Entry ID 22611503



### Transmission 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	0.3 A
• 2 / from backplane bus / at DC / maximum	0.25 A
Power loss [W]	4 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	107 mm
Depth	101 mm
Net weight	87 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"> <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> <li>• DPV1</li> </ul>	Yes No
Amount of data	
<ul style="list-style-type: none"> <li>• of the address area of the inputs / as DP slave / total</li> <li>• of the address area of the outputs / as DP slave / total</li> </ul>	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"> <li>• Port diagnostics</li> </ul>	Yes

#### Standards, specifications, approvals

Standard	
<ul style="list-style-type: none"> <li>• for EMC</li> <li>• for safety / from CSA and UL</li> <li>• for emitted interference</li> <li>• for interference immunity</li> </ul>	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"> <li>• CE marking</li> <li>• C-Tick</li> </ul>	Yes Yes

#### Accessories

accessories	optional: MPI cable
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#### Further Information / Internet Links

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

- 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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