

product type designation



**CP 5621**

\*\*\*\*\* spare part \*\*\*\*\* 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, from Windows XP is 6GK1562-2AA00 recommended see <http://support.automation.siemens.com/WWW/view/en/84138725>.

transfer rate	
transfer rate	
<ul style="list-style-type: none"> <li>at the 1st interface / according to PROFIBUS</li> </ul>	9.6 kbit/s ... 12 Mbit/s
interfaces	
number of electrical connections	
<ul style="list-style-type: none"> <li>at the 1st interface / according to PROFIBUS</li> </ul>	1
type of electrical connection	
<ul style="list-style-type: none"> <li>at the 1st interface / according to PROFIBUS</li> </ul>	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"> <li>1 / from backplane bus</li> </ul>	3.3 V
<ul style="list-style-type: none"> <li>2 / from backplane bus</li> </ul>	12 V
relative symmetrical tolerance / at DC	
<ul style="list-style-type: none"> <li>at 3.3 V</li> </ul>	9 %
<ul style="list-style-type: none"> <li>at 12 V</li> </ul>	8 %
consumed current	
<ul style="list-style-type: none"> <li>1 / from backplane bus / at DC / maximum</li> </ul>	0.4 A
<ul style="list-style-type: none"> <li>2 / from backplane bus / at DC / maximum</li> </ul>	0.18 A
power loss [W]	2.2 W
ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> </ul>	5 ... 55 °C
<ul style="list-style-type: none"> <li>during storage</li> </ul>	-20 ... +60 °C
<ul style="list-style-type: none"> <li>during transport</li> </ul>	-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 / 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
<b>performance data / PROFIBUS DP</b>	
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 / 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 slave	244 byte
• of the address range of the outputs / per DP slave	244 byte
• of the address range of the diagnostic data / per DP slave	244 byte
software / for DP slave function / required	Yes, SOFTNET-PB DP slave
service / as DP slave	
• DPV0	Yes
• DPV1	No
data volume	
• of the address range of the inputs / as DP slave / total	122 byte
• of the address range of the outputs / as DP slave / total	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	
• port diagnostics	Yes
<b>standards, specifications, approvals</b>	
standard	
• for EMC	2004/108/EC
• for safety / from CSA and UL	CAN/CSA C22.2 & UL 60950-1, UL 508
• for emitted interference	EN 61000-6-3, EN 61000-6-4
• for interference immunity	EN 61000-6-1, EN 61000-6-2
certificate of suitability	
• CE marking	Yes
• C-Tick	Yes
<b>accessories</b>	
accessories	optional: MPI cable
<b>further information / internet links</b>	
internet link	
• to web page: selection aid TIA Selection Tool	<a href="http://www.siemens.com/tia-selection-tool">http://www.siemens.com/tia-selection-tool</a>
• to website: Industrial communication	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
• to website: Industry Mall	<a href="http://www.siemens.com/industrial-controls/mall">http://www.siemens.com/industrial-controls/mall</a>
• to website: Information and Download Center	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
• to website: Image database	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
• to website: CAx-Download-Manager	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
<b>security information</b>	
security information	Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action (e.g. cell protection

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concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit <http://www.siemens.com/industrialsecurity>. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit <http://support.automation.siemens.com>. (V3.4)

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