



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!

### Transmission rate

Transmission rate

- at interface 1 / in accordance with PROFIBUS
  - minimum 9.6 kbit/s
  - maximum 12 Mbit/s

### Interfaces

Number of electrical connections / at interface 1 / in accordance with PROFIBUS 1

### Supply voltage, current consumption, power loss

Supply voltage

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

Relative symmetrical tolerance

- at 3.3 V / with DC 9 %
- at 12 V / with DC 8 %

Consumed current

- 1 / from backplane bus / with DC / maximum 0.4 A
- 2 / from backplane bus / with DC / maximum 0.18 A

Resistive loss 2.2 W

### Permitted ambient conditions

Ambient temperature

• during operating	5 ... 55 °C
• during storage	-20 ... +60 °C
• during transport	-20 ... +60 °C
Relative humidity / at 25 °C / without condensation / during operating / maximum	85 %
Protection class IP	IP00
<b>Design, dimensions and weight</b>	
Width	18 mm
Height	111 mm
Depth	129 mm
Net weight	100 g
<b>Product properties, functions, components / general</b>	
Number of plug-in cards in the same design / can be plugged in / per PC station	1
<b>Performance data</b>	
<b>Performance data / open communication</b>	
Number of possible connections / for open communication / by means of SEND/RECEIVE / maximum	50
<b>Performance data / PROFIBUS DP</b>	
Service / as DP master	
• DPV0	Yes
• DPV1	No
• DPV2	No
Number of DP slaves / on DP master / usable	64
Amount of data	
• of the address area of the inputs / as DP master / overall	14640 byte
• of the address area of the outputs / as DP master / overall	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
• of the address area of the diagnostic data / per DP slave	244 byte
Service / as DP slave	
• DPV0	Yes
• DPV1	No
Amount of data	
• of the address area of the inputs / as DP slave / overall	122 byte
• of the address area of the outputs / as DP slave / overall	122 byte
<b>Performance data / S7 communication</b>	
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

## Product functions / Diagnosis

Product function / Port diagnostics Yes

## Standards, specifications, approvals

Standard

- for EMC

2004/108/EC

Verification of suitability

- CE mark

Yes

- C-Tick

Yes

**letzte Änderung:**

Jul 17, 2012