

Technical specifications (continued)

Article number	6GK7242-7KX31-0XE0
Product type designation	CP 1242-7 V2
Design, dimensions and weight	
Module format	Compact module S7-1200 single width
Width	30 mm
Height	100 mm
Depth	75 mm
Net weight	0.133 kg
Mounting type	
• 35 mm DIN rail mounting	Yes
• S7-300 rail mounting	No
• wall mounting	Yes
Product properties, functions, components general	
Number of units	
• per CPU maximum	3
Performance data	
Number of users/telephone numbers definable maximum	10
Performance data open communication	
Number of possible connections for open communication	
• by means of T blocks maximum	like CPU
Performance data IT functions	
Number of possible connections	
• as e-mail client maximum	1
Performance data telecontrol	
Control center connection	Telecontrol Server Basic supported
Control center connection by means of a permanent connection	supported
Control center connection by means of demand-oriented connection	
Control center connection Note	Connection to Scada system using OPC interface
Protocol is supported	
• DNP3	No
• IEC 60870-5	No
Product function data buffering if connection is aborted	Yes
• Note	64,000 values
Performance data Teleservice	
Diagnostics function online diagnostics with SIMATIC STEP 7	Yes
Product function	
• program download with SIMATIC STEP 7	Yes
• Remote firmware update	Yes
Product functions management, configuration	
Configuration software	
• required	STEP 7 Basic/Professional V13 SP1 or higher
Product functions Security	
Product function	
• password protection for teleservice access	Yes
• encrypted data transmission	Yes
Product functions Time	
Protocol is supported NTP time synchronization	Yes
• from control station	Yes

Ordering data

Article No.

Communications processor CP 1242-7 V2¹⁾

Communication processor CP 1242-7 GPRS V2 for connecting SIMATIC S7-1200 to TeleControl Server Basic via GSM/GPRS mobile radio network

6GK7242-7KX31-0XE0**Accessories****TeleControl Server Basic V3.0**

Software for 8 to 5000 stations; Single License for one installation; OPC (UA) server for GPRS and Ethernet/Internet communication with SIMATIC S7-1200 and SIMATIC S7-200 (GPRS only); connection management to remote stations; routing for connections between S7 stations; German and English operator interface; for Windows 7 Professional 32/64-bit + Service Pack 1 Windows 7 Enterprise 32/64-bit + Service Pack 1 Windows 7 Ultimate 32/64-bit + Service Pack 1 Windows Server 2008 32-bit + Service Pack 2 Windows Server 2008 R2 Standard 64-bit Service Pack 1

• **TeleControl Server Basic 8 V3**
Connection management for 8 SIMATIC S7-1200 or S7-200 stations

6NH9910-0AA21-0AA0

• **TeleControl Server Basic 32 V3**
Connection management for 32 SIMATIC S7-1200 or S7-200 stations

6NH9910-0AA21-0AF0

• **TeleControl Server Basic 64 V3**
Connection management for 64 SIMATIC S7-1200 or S7-200 stations

6NH9910-0AA21-0AB0

• **TeleControl Server Basic 256 V3**
Connection management for 256 SIMATIC S7-1200 or S7-200 stations

6NH9910-0AA21-0AC0

• **TeleControl Server Basic 1000 V3**
Connection management for 1000 SIMATIC S7-1200 or S7-200 stations

6NH9910-0AA21-0AD0

• **TeleControl Server Basic 5000 V3**
Connection management for 5000 SIMATIC S7-1200 or S7-200 stations

6NH9910-0AA21-0AE0

• **TeleControl Server Basic UPGR V3**
Upgrade package from Version V2.x to V3 for all license sizes

6NH9910-0AA21-0GA0

¹⁾ Note national approvals under <http://www.siemens.com/mobilenetwork-approvals>