



Audio interface

RS232 interface

RS422/RS485 interface

Dual GBit Ethernet interface

Power over Ethernet module

USB interface

CX2500-00xx | System modules for CX2000

The system modules for the CX2000 family are connected to the CPU on the left-hand side via a multi-pin connector. Internally they are connected via PCI Express. Up to four modules can be connected in any order.

The CX2500-0020 audio module (only for CX2020, CX2030 and CX2040) has a jack plug (5 x 3.5 mm) and a cinch plug for digital signals (SPDIF). Up to 7.1 multi-channel audio can be used. Serial interfaces can be added with the modules CX2500-0030 (RS232) and CX2500-0031 (RS422/RS485). The CX2500-0060 module provides two further independent Gbit Ethernet interfaces.

The CX2500-0061 Power over Ethernet module supports devices with PoE class 0, 1, 2, 3 and 4 in accordance with the PoE standard IEEE 802.3af-2003. The maximum PoE power output is 15.4 W. The PoE supply voltage is generated internally, no external power supply is necessary. In the case of an overload of the CX2500-0061, the PoE supply shuts down for two seconds, then restarts. The diagnostic LEDs PWR, PoE, PM1 and PM2 provide information about the type of PoE supply (mode A or B) as well as about the PoE class reported by the powered device.

The CX2500-0070 module can be used to add up to four further USB 3.0 interfaces.

Technical data	CX2500-0020	CX2500-0030	CX2500-0031
Interfaces	Line IN, Line OUT, Mic IN, 7.1, SPDIF	RS232	RS422/RS485
Type of connection	3.5 mm socket for jack plug, RCA socket	2 x D-sub plug, 9-pin	2 x D-sub plug, 9-pin
Power supply	via system bus (through CX2100-0xxx power supply modules)		
Dimensions (W x H x D)	24 mm x 99 mm x 54.5 mm		
Weight	approx. 180 g	approx. 205 g	approx. 203 g
Operating/storage temperature	-25...+60 °C/-40...+85 °C		
Relative humidity	95 %, no condensation		
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27		
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4		
Protection class	IP 20		

Technical data	CX2500-0060	CX2500-0061	CX2500-0070
Interfaces	2 x Ethernet, 10/100/1000 Mbit/s	1 x Ethernet, 10/100/1000 Mbit/s with Power over Ethernet (PoE)	4 x USB 3.0 (max. 2 A total current)
Type of connection	2 x RJ45	1 x RJ45	4 x USB 3.0, type A
Power supply	via system bus (through CX2100-0xxx power supply modules)		
Dimensions (W x H x D)	24 mm x 99 mm x 54.5 mm		
Weight	approx. 195 g	approx. 208 g	approx. 195 g
Operating/storage temperature	-25...+60 °C/-40...+85 °C		
Relative humidity	95 %, no condensation		
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27		
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4		
Protection class	IP 20		