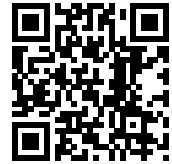# CX2500-0062 | 2.5 G Ethernet module for CX20x2, CX20x3, CX52x0

ℹ Product status: Product announcement | estimated market release on request

The system modules 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 at CX20x2 and CX20x3 in any order. The CX52x0 can be expanded with one module.

The CX2500-0060 module provides two independent Ethernet interfaces. The Intel® i225 Ethernet controller used supports transmission speeds of up to 2.5 GBit/s. Thus, the module is ideal for applications that require particularly high data rates and short response times.

Product information

Technical Data

Technical data	CX2500-0062
Interfaces	2 x Ethernet, 10/100/1000/2500 Mbit/s
Type of connection	2 x RJ45
Power supply	via system bus (through CX2100-0xxx power supply modules)
Operating system	Windows 10 IoT Enterprise 2019 LTSC, 64 bit
Dimensions (W x H x D)	44 mm x 99 mm x 54.5 mm
Weight	approx. 390 g
Relative humidity	95 %, no condensation
Operating/storage temperature	-25…+60 °C/-40…+85 °C

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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