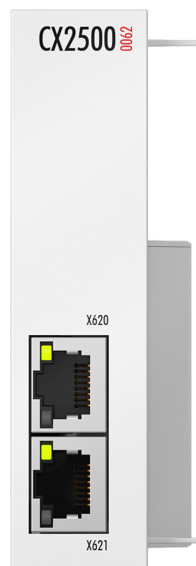# CX2500-0062 | 2.5 Gbit Ethernet module for CX20xx, CX52x0, CX53x0, CX56x0

Product status: regular delivery

The system modules are connected to the CPU on the left-hand side via a multi-pin connector. They are connected internally via PCI Express®. A maximum of two modules can be connected in any order for the CX20xx family. For CX52x0, CX53x0, or CX56x0 series devices, one module can be connected, and only the upper module port can be used, as these CPUs only have one PCI Express® lane on the left-hand side.

The CX2500-0062 module provides two independent Ethernet interfaces. The implemented Intel® Ethernet Controller I226 supports data transfer rates of up to 2.5 Gbit/s. This makes the module useful for applications that require very high data rates and short reaction times.

Product information

Technical data

Technical data	CX2500-0062
Interfaces	2 x Ethernet, 10/100/1000/2500 Mbit/s
Chipset	Intel® Ethernet controller I226
Connection type	2 x RJ45
Power supply	via system bus (through CX2100-0xxx power supply modules)
Operating system	Windows 10 IoT Enterprise 2019 LTSC, 64 bit, Windows 10 IoT Enterprise 2021 LTSC, 64 bit
Dimensions (W x H x D)	24 mm x 99 mm x 54.5 mm

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Weight	approx. 200 g
Operating temperature	-25...+60°C
Storage temperature	-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 rating	IP20

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