6BK1000-5QP00-0AX0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6bk1000-5qp00-0ax0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Processor	Intel Core 2 Duo 1.2 GHz
Memory	2 GB DDR3 RAM
Storage	4 GB CompactFlash
Network Ports	1 x 1 Gbit Ethernet, 3 x PROFINET IRT
USB Ports	4 x USB 2.0
Serial Ports	1 x RS-232 (COM 1)
Power Supply	24 V DC
Mounting Options	DIN rail, wall, vertical mounting
Environmental Resistance	Dust-proof, shock-resistant

Description

The Siemens 6BK1000-5QP00-0AX0 is a compact and rugged industrial microbox PC from the SIMATIC IPC427C series, designed for high-performance applications in machine, system, and switchgear cabinet engineering.

It features a fanless design for maintenance-free operation and a high degree of ruggedness, making it suitable for demanding industrial environments. Key specifications include an Intel Core 2 Duo processor at 1.2 GHz, 2 GB DDR3 RAM, and a 4 GB CompactFlash storage.

Connectivity options consist of one 1 Gbit Ethernet port and three PROFINET IRT ports, facilitating seamless industrial communication. The device operates on a 24 V DC power supply and is equipped with four USB 2.0 ports and one RS-232 (COM 1) port.

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Its compact design allows for flexible mounting options, including DIN rail and wall mounting, and it is built to withstand industrial conditions with dust-proof and shock-resistant features. The IPC427C is ideal for applications such as measuring and controlling process and machine data, operating and visualization tasks with separate display solutions, and data logging and processing in industrial settings.

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