6ES7643-6CH10-5AX0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6es7643-6ch10-5ax0
Category	Industrial automation components
Product type	Industrial automation components
Status	Legacy / discontinued

Technical specification

Processor	Pentium III 866 MHz
RAM	128 MB SD-RAM-133
Storage	40 GB EIDE HDD
Graphics	Onboard AGP graphics card with 16 MB memory
Ethernet	10/100 Mbit Ethernet RJ45
USB Ports	1 front-facing, 2 rear-facing ports
Vibration Tolerance	0.3 G
Shock Resistance	3 G
Power Supply	24 V DC industrial power supply

Description

The Siemens SIMATIC RACK PC 840 (Part Number: 6ES7643-6CH10-5AX0) is a robust industrial PC designed for demanding automation tasks. Equipped with an onboard AGP graphics card with 16 MB memory, it ensures reliable visual performance.

Connectivity options include a 10/100 Mbit Ethernet RJ45 port and three USB ports—one front-facing and two rear-facing—facilitating seamless integration into various industrial networks. The system is built with a Pentium III 866 MHz processor, 256 KB L2 cache, and 128 MB SD-RAM-133 memory, providing efficient processing capabilities for complex automation processes.

Storage is managed by a 40 GB EIDE hard disk drive housed in a removable frame, offering flexibility and ease of maintenance. The PC is designed to withstand industrial environments, featuring a front mounting vibration tolerance of 0.3 G and shock resistance up to 3 G.

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It operates on a 24 V DC industrial power supply, ensuring consistent performance in industrial settings. The system runs MS-DOS 6.22 in English, without extensions, suitable for legacy applications.

This configuration makes the Siemens SIMATIC RACK PC 840 an ideal choice for industrial automation applications requiring durability, reliability, and efficient performance.

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