6ES7677-1DD00-0BG0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6es7677-1dd00-0bg0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Processor	1.2 GHz Intel Core Duo
RAM	1 GB
Flash Disk	2 GB
Operating System	Windows XP Embedded SP2 Feature Pack 2007
Interfaces	2 x USB, 2 x PROFINET, 1 x Fast Ethernet, 1 x MMC slot

Description

The Siemens 6ES7677-1DD00-0BG0 is a modular embedded controller from the SIMATIC S7 series, specifically designed for industrial automation applications requiring robust performance and reliability. This model, known as the EC31-HMI/RTX, features a 512-point configuration, making it suitable for medium-scale automation tasks.

Key specifications include a 1.2 GHz Intel Core Duo processor, 1 GB RAM, and a 2 GB flash disk pre-installed with Windows XP Embedded SP2 Feature Pack 2007, SIMATIC NET 2008 (SIMATIC NET IE Softnet S7-Lean Edition 2008), WinAC RTX 2008 SP1, and WinCC flexible 2008 RT SP1.

Connectivity options are extensive, featuring two USB ports, two PROFINET interfaces, one Fast Ethernet port, and an MMC slot for memory expansion. These features ensure seamless integration into existing automation systems and support efficient data processing and communication.

The EC31-HMI/RTX is engineered for high availability and continuous operation, making it ideal for applications where downtime is critical. Its compact design allows for flexible installation in various industrial environments, providing a reliable solution for complex automation tasks.

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