6AG4114-1NP62-4XX0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6ag4114-1np62-4xx0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Processor	Intel Core i7-610E
Processor Speed	2.53 GHz
RAM	4 GB DDR3 SD-RAM
Storage	500 GB SATA HDD (RAID1)
Network Ports	2 x Gigabit LAN (RJ45)
USB Ports	6 x USB 2.0 (4 rear, 2 front)
Video Ports	1 x DVI-I
COM Ports	2 x COM
LPT Port	1 x LPT
PS/2 Ports	2 x PS/2
Audio Ports	Audio input/output
Temperature Monitoring	Yes

Description

The Siemens 6AG4114-1NP62-4XX0 is a high-performance industrial PC designed for demanding automation tasks. Part of the SIMATIC IPC847C series, this rack-mounted PC features a 19-inch, 4U chassis, ensuring robust performance in industrial environments.

It is equipped with a Core i7-610E processor, offering dual cores and four threads at a base clock speed of 2.53 GHz, with a 4 MB cache. The system includes 4 GB of DDR3 SD-RAM with ECC support, expandable up to 8 GB, and a 500 GB SATA hard drive configured in RAID1 for enhanced data

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reliability.

Connectivity options are extensive, featuring two Gigabit LAN ports (RJ45), one DVI-I port, audio input/output, two COM ports, one LPT port, two PS/2 ports, and six USB 2.0 ports (four rear, two front).

The system also supports temperature and fan monitoring, a watchdog timer, and a card retainer for secure hardware installation. Designed for continuous operation in harsh industrial settings, it operates within an ambient temperature range of 5°C to 50°C and complies with various EMC standards, including EN 61000-6-3 and EN 61000-6-4.

This industrial PC is ideal for applications requiring high processing power, reliability, and extensive connectivity in automation and control systems.