

Siemens 6AR1025-0AA10-0AA0 Manual

Brand	Siemens
Product Series	Siemens
Product Type	Compact Computer

Description

The Siemens 6AR1025-0AA10-0AA0 compact computer is engineered for versatility in various industrial applications, including automotive sectors. With integrated analog and digital I/O, this device also contains a coprocessor, enhancing its computing capabilities.

Technical specifications for 6AR1025-0AA10-0AA0

Manufacturer Siemens

Product Type Compact Computer

Product Line I/O Modules

Part Number 6AR1025-0AA10-0AA0

UPC 662643025996

Flash Memory 2 MB

SRAM 1 MB

Analog I/O Included

Digital I/O Included

Coprocessor Included

Automotive Applications Supported

Operating Temperature 0°C to 40°C

Storage Temperature 0°C to 50°C

Maximum Operating Humidity 80% RH, non-condensing

Maximum Storage Humidity 80% RH, non-condensing

Maximum Operating Altitude 1000m above sea level

Maximum Storage Altitude 1000m above sea level

Operating Environment Clean indoor environment (no corrosive chemicals)

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Description

The Siemens part number 6AR1025-0AA10-0AA0 is a compact computer that incorporates multiple functionalities ideal for various applications. This device stands out with its combination of 2 MB of flash memory and 1 MB of SRAM, enabling effective data management. It comes equipped with both analog and digital I/O capabilities, making it suitable for diverse interfacing tasks. Additionally, the presence of a coprocessor allows for enhanced computational performance, making it adept at handling complex computations.

Designed to function in automotive applications, the unit operates effectively within a temperature spectrum of 0°C to 40°C, ensuring reliable performance in typical indoor environments. For storage purposes, it can withstand temperatures reaching up to 50°C. The operating humidity can reach a maximum of 80% relative humidity, provided that condensation is avoided.

The altitudinal capability of the 6AR1025-0AA10-0AA0 ensures it can function effectively up to 1000 meters above sea level, making it suitable for various geographical installations. With protective design considerations, this compact computer functions best in clean indoor settings where exposure to corrosive chemicals is limited, ensuring lasting operational integrity.

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