

Siemens 6AR1001-3AG20-0AA0 Manual

Brand	Siemens
Product Series	Siemens
Product Type	RAM

Description

The Siemens 6AR1001-3AG20-0AA0 serves as a CPU module featuring a single core and a clock frequency of 233 MHz. Designed to utilize RAM with a capacity of 32 MB, it also employs DRAM technology for efficient data handling.

Technical specifications for 6AR1001-3AG20-0AA0

Manufacturer Siemens

Product Line I/O Modules

Part Number 6AR1001-3AG20-0AA0

Description CPU Module

Number of CPU Cores 1-core

Clock Speed 233 MHz

User Memory Type RAM

RAM Capacity 32 MB

RAM Type DRAM

PMC Slot No

Minimum Operating Temperature 0°C

Maximum Operating Temperature 55°C

Minimum Storage Temperature -20°C

Maximum Storage Temperature 60°C

Relative Humidity 95% or less

Environment No corrosive gases

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Description

The 6AR1001-3AG20-0AA0 model, part of Siemens' I/O Modules series, functions as an efficient CPU module. It utilizes a single-core architecture and operates at a clock speed of 233 MHz, providing decent processing capabilities for various applications. This module is equipped with 32 MB of RAM, specifically utilizing DRAM for its memory type, optimizing performance for tasks that require fast data retrieval and processing.

Lightweight at 0.6 kg (1.32 lbs), this unit is designed for ease of installation in various environments. The module is rated for temperature conditions, supporting a minimum operating temperature of 0°C and a maximum of 55°C. In storage, it maintains integrity at temperatures down to -20°C and up to 60°C.

This CPU module also accommodates high humidity environments, as long as relative humidity is maintained at 95% or lower. Notably, it is intended for use in clean environments, free from corrosive gases, to ensure optimal functionality. Its design prioritizes reliability and stability, making it suitable for a range of control tasks and operations within industrial settings.

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