

## SIEMENS 6DD1606-4AA0 SIMADYN D PT32 CPU MODULE, 32-BIT, WITH DI/DO, L & C BUS 16 BI, 16 BO, 4 AI 4 AI INTR., 4 AO

### Basic Information

- Place of Origin: Not available
- Brand Name: SIEMENS
- Certification: CE
- Model Number: 6DD1606-4AA0
- Minimum Order Quantity: 1
- Price: USD
- Packaging Details: Not available
- Delivery Time: 10-12Days
- Payment Terms: L/C, T/T
- Supply Ability: 100PS



### Product Specification

- Interfaces: USB, Ethernet, RS485
- Storage Temperature: -40°C To +70°C
- Operating Temperature: 0-55°C
- Product Release Date: 2019-01-01
- Number Of Inputs: 32
- Ram: 8 GB
- Display Resolution: 800 X 480 Pixels
- Product Version: V1.0
- Country Of Origin: Germany
- Battery Life: Up To 8 Hours
- Warranty: 1 Year
- Mounting Options: Panel, Rack, Or Wall Mount
- Programming Tools: SIMATIC STEP 7, TIA Portal
- Memory: 8GB
- Programming Languages: Ladder Logic, C/C++, VB Script

## Product Description

SIEMENS 6DD1606-4AA0 SIMADYN D PT32 CPU MODULE, 32-BIT, WITH DI/DO, L & C BUS 16 BI, 16 BO, 4 AI 4 AI INTR., 4 AO

The Siemens 6DD1606-4AA0 is a SIMADYN D PT32 CPU module that features a 32-bit processor and integrated digital and analog I/O capabilities. This module is designed to provide a powerful and versatile control solution for industrial automation and process control applications.

Key details about the Siemens 6DD1606-4AA0 SIMADYN D PT32 CPU Module:

### 1. Overview:

- The 6DD1606-4AA0 is a SIMADYN D PT32 CPU module from Siemens.
- It is a high-performance, 32-bit control module that offers a range of integrated I/O capabilities.
- The module is based on Siemens' PT32 technology, which provides enhanced processing power and functionality for industrial control applications.

### 2. Technical Specifications:

- Processor: 32-bit PT32-based
- Memory: 16 MB RAM, 32 MB Flash
- Integrated I/O:
  - 16 digital inputs
  - 16 digital outputs
  - 4 analog inputs
  - 4 analog inputs with interrupt capability
  - 4 analog outputs
- Interfaces:
  - PROFIBUS DP master/slave
  - CAN bus
  - Ethernet (10/100 Mbps)
  - Serial interfaces (RS-232, RS-485)
  - L-bus and C-bus
- Dimensions (W x H x D): 160 mm x 225 mm x 219 mm
- Mounting: Cabinet or rack mounting

### 3. Features and Benefits:

- Powerful 32-bit PT32-based processor for high-performance control and automation tasks
- Integrated digital and analog I/O capabilities, including digital inputs/outputs, analog inputs, and analog outputs, reducing the need for additional modules
- Robust and reliable design for industrial environments
- Comprehensive communication interfaces, including PROFIBUS DP, CAN bus, and Ethernet
- Supports a wide range of I/O modules and expansion options for flexible system configuration
- Easy integration into existing SIMADYN D systems or as a standalone control solution
- Comprehensive diagnostic and monitoring functions for efficient system maintenance

### 4. Applications:

- The Siemens 6DD1606-4AA0 SIMADYN D PT32 CPU Module is well-suited for a variety of industrial automation and process control applications, including:
  - Machinery and equipment control
  - Process automation
  - Building automation and energy management
  - Pulp and paper industry
  - Metals and mining applications
  - Chemical and petrochemical processes
- Any application that requires a powerful and flexible control solution with integrated I/O

### 5. Integration and Configuration:

- The SIMADYN D PT32 CPU Module can be easily integrated into existing SIMADYN D systems or used as a standalone control solution.
- It can be mounted in industrial cabinets or racks and connected to various I/O modules and communication networks.
- The module's configuration and programming can be done using Siemens' SIMADYN D engineering software, which provides a comprehensive set of tools for system design, programming, and diagnostics.

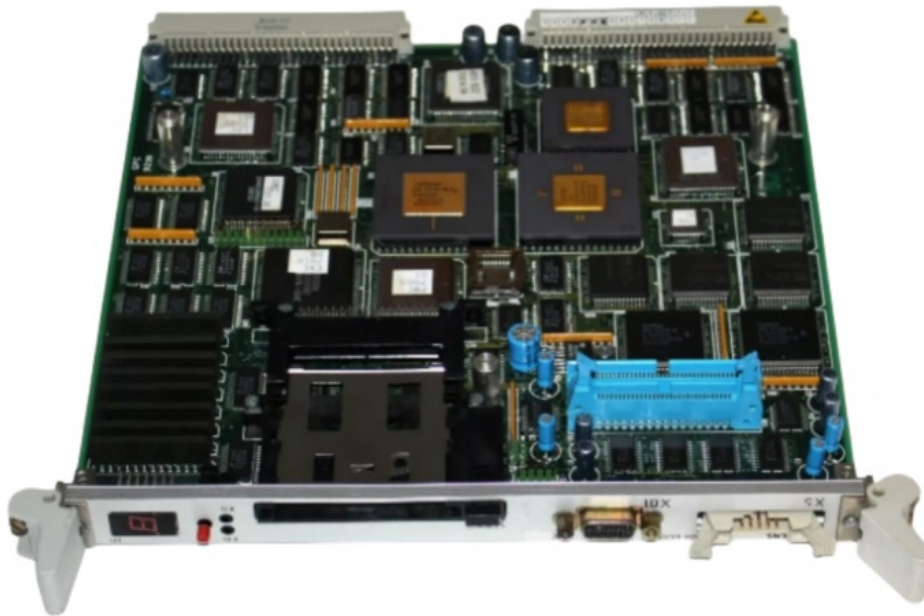
### 6. Certifications and Approvals:

- The Siemens 6DD1606-4AA0 SIMADYN D PT32 CPU Module is designed to meet relevant safety and quality standards for industrial applications, including CE, UL, and other certifications.
- Additional certifications may be available based on specific regional or application requirements.

For more detailed information or to discuss specific application requirements, please feel free to reach out to me.

Product	
Article Number	6DD1606-4AA0
Product Description	SIMADYN D PROCESS MODULE PT32 TECHNOLOGY 32 BIT L- AND C-BUS 4 BI AL, 16 BI, 16 BO, 4 AI 4 AI INTR., 4 AO
Product family	Not available
Product Lifecycle (PLM)	PM500:Discontinued Product or end of PLM & Support
PLM Effective Date	End of product lifecycle since: 01.10.2006

Notes	Product was deleted without replacement. If you need assistance please contact our local Siemens office
Price data	
Price Group	2E6
List Price	<a href="#">Show prices</a>
Customer Price	<a href="#">Show prices</a>
Surcharge for Raw Material	see also metal factor (further details are available on the help page)
Metal Factor	see also metal factor (further details are available on the help page)
Delivery information	
Export Control Regulations	ECCN : N / AL : N
Estimated dispatch time (Working Days)	30 Day(s)
Net Weight (kg)	1,160 Kg
Package size unit of measure	Not available
Quantity Unit	0 Piece
Packaging Quantity	1
Additional Product Information	
EAN	Not available
UPC	Not available
Commodity Code	85049099
LKZ_FDB/ CatalogID	ST9.DA99T
Product Group	4315
Group Code	R111
Country of origin	Germany



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