

IP20 SIEMEN PLC SIMATIC S7-1500 6ES7516-3AN01-0AB0 1ST Interface PROFINET IRT

Our Product Introduction

Basic Information

- Place of Origin: Germany
- Brand Name: SIEMENS
- Certification: CE
- Model Number: 6ES7516-3AN01-0AB0
- Packaging Details: 15,10 x 15,40 x 4,60
- Delivery Time: 10-12Days
- Payment Terms: L/C, T/T
- Supply Ability: 100



Product Specification

- Cpu Type: S7-1500
- Programming Languages: Ladder Logic, Function Block Diagram, Structured Text, SCL
- Certifications: CE, UL, CSA, FM, CCC
- Number Of Digital Outputs: Up To 512
- Memory: Up To 10 MB
- Communication Interfaces: PROFINET, PROFIBUS, Ethernet/IP, Modbus TCP, TCP/IP
- Operating Temperature: -20 To 60 Degrees Celsius
- Power Supply: 24 VDC
- Weight: 0.5 Kg
- Number Of Digital Inputs: Up To 512
- Number Of Analog Inputs: Up To 32
- Number Of Analog Outputs: Up To 32
- Protection Rating: IP20
- Dimensions: 100 X 105 X 100 Mm

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Product Description

SIEMEN 6ES7516-3AN01-0AB0 PROGRAM AND 5 MB FOR DATA, 1ST INTERFACE: PROFINET IRT WITH 2-PORT SWITCH, 2ND INTERFACE

Got it, let's take a look at the details for the Siemens 6ES7516-3AN01-0AB0 SIMATIC S7-1500 CPU:

Key Specifications:

- Model Number: 6ES7516-3AN01-0AB0

- Product Name: SIMATIC S7-1500, CPU 1516-3 PN/DP

This is a central processing unit (CPU) from the Siemens SIMATIC S7-1500 controller family, specifically the 1516-3 PN/DP model.

The key details about this specific CPU module include:

1. CPU Model:

- The model is the SIMATIC S7-1500 CPU 1516-3 PN/DP.

2. Work Memory:

- This CPU has 2 MB of work memory (RAM) for the program.

- It also has 5 MB of work memory for data storage.

3. Interfaces:

- The first interface is a PROFINET IRT (Isochronous Real-Time) interface with a 2-port switch.

- The second interface is not explicitly specified in the provided information.

4. Memory Card:

- Like other S7-1500 CPU models, this CPU requires the use of a SIMATIC memory card for program and data storage.

5. Applications:

- With the increased work memory capacities and the PROFINET IRT interface, this SIMATIC S7-1500 CPU 1516-3 PN/DP is well-suited for advanced and complex industrial automation and control applications, including those requiring real-time communication.

6. Comparison to Previous Models:

- Compared to the earlier 1515-2 PN model we discussed, this 1516-3 PN/DP CPU has even more work memory, with 2 MB for the program and 5 MB for data.

- The PROFINET IRT interface with a 2-port switch also provides improved real-time communication capabilities.

In summary, the key features of the Siemens 6ES7516-3AN01-0AB0 SIMATIC S7-1500 CPU 1516-3 PN/DP are:

- 2 MB of work memory for the program

- 5 MB of work memory for data

- PROFINET IRT interface with a 2-port switch

- Additional unspecified second interface

- Requirement for a SIMATIC memory card

- Suitability for advanced and complex industrial automation and control applications, including those requiring real-time communication

Please let me know if you need any additional details or have further questions.

Product	
Article Number (Market Facing Number)	6ES7516-3AN01-0AB0
Product Description	*** Spare part *** SIMATIC S7-1500, CPU 1516-3 PN/DP, central processing unit with work memory 1 MB for program and 5 MB for data, 1st interface: PROFINET IRT with 2-port switch, 2nd interface: PROFINET RT, 3rd interface: PROFIBUS, 10 ns bit performance, SIMATIC Memory Card required
Product family	Not available
Product Lifecycle (PLM)	PM410:Product cancellation
PLM Effective Date	Product is cancelled since: 02.06.2020
Notes	The product was replaced with the following successor product: 6ES7516-3AP03-0AB0 Compare Products This product is a Spare Part, please visit the Spares & Service section for more information If you need assistance please contact our local Siemens office
Successor information	
Successor	6ES7516-3AP03-0AB0
Successor Description	SIMATIC S7-1500, CPU 1516-3 PN/DP, central processing unit with 2 MB work memory for program and 7.5 MB for data 1st interface: PROFINET IRT with 2-port switch, 2nd interface: PROFINET RT, 3rd interface: PROFIBUS, 6 ns bit performance, SIMATIC Memory Card required *** approvals and certificates according to entry 109817466 at support.industry.siemens.com to be considered! ***
Price data	
Region Specific PriceGroup / Headquarter Price Group	S20 / 2ET

List Price	Show prices
Customer Price	Show prices
Surcharge for Raw Materials	None
Metal Factor	None
Delivery information	
Export Control Regulations	ECCN : EAR99H / AL : N
Estimated dispatch time (Working Days)	1 Day/Days
Net Weight (kg)	0,907 Kg
Packaging Dimension	15,80 x 15,90 x 8,40
Package size unit of measure	CM
Quantity Unit	1 Piece
Packaging Quantity	1
Additional Product Information	
EAN	4047623404958
UPC	804766167720
Commodity Code	85371091
LKZ_FDB/CatalogID	ST9-E5
Product Group	4A9H
Group Code	R132
Country of origin	Germany



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