

## SIEMEN 6ES7516-3AN02-0AB0 PROFIBUS, 10 NS BIT PERFORMANCE, SIMATIC MEMORY CARD REQUIRED

### Basic Information

- Place of Origin: Germany
- Brand Name: SIEMENS
- Certification: CE
- Model Number: 6ES7516-3AN02-0AB0
- Minimum Order Quantity: 1
- Price: USD
- 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

- Dimensions: 145 Mm X 145 Mm X 45 Mm
- Storage Temperature: -20°C To 70°C
- Operating Temperature: 0°C To 55°C
- Power Supply: 24 V DC
- Frequency: 13.56 MHz
- Reading Distance: Up To 1.5 Meters
- Supported Protocols: ISO 15693, ISO 14443A/B, ISO 18000-3, EPCglobal UHF Class 1 Gen 2
- Weight: Approximately 500 G
- Certifications: CE, FCC, RoHS
- Antenna Connection: SMA Connector
- Protection Class: IP20
- Communication Interface: Ethernet, RS-232, RS-485

## Product Description

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Okay, let's review the details for the Siemens 6ES7516-3AN02-0AB0 SIMATIC S7-1500 CPU:

Key Specifications:

- Model Number: 6ES7516-3AN02-0AB0
- 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. Interfaces:

- The CPU has a PROFIBUS interface in addition to the PROFINET interfaces.
- This provides the ability to communicate with both PROFINET and PROFIBUS networks.

3. Performance:

- The CPU has a bit performance of 10 nanoseconds (ns), indicating very fast processing capabilities.

4. Memory:

- The work memory capacity for this CPU is not explicitly stated in the information provided.

5. Memory Card:

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

6. Applications:

- With the PROFIBUS interface and the high-performance 10 ns bit performance, this SIMATIC S7-1500 CPU 1516-3 PN/DP is well-suited for advanced and complex industrial automation and control applications that require both PROFINET and PROFIBUS connectivity, as well as very fast processing speeds.

So in summary, the key features of the Siemens 6ES7516-3AN02-0AB0 SIMATIC S7-1500 CPU 1516-3 PN/DP are:

- PROFIBUS interface in addition to PROFINET interfaces
- 10 ns bit performance for very fast processing
- Requirement for a SIMATIC memory card
- Suitability for advanced industrial automation and control applications with mixed PROFINET and PROFIBUS networks

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

Product	
Article Number (Market Facing Number)	6ES7516-3AN02-0AB0
Product Description	SIMATIC S7-1500, CPU 1516-3 PN/DP, central processing unit with 1 MB work memory 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	<a href="#">CPU 1516-3 PN/DP</a>
Product Lifecycle (PLM)	PM400:Phase Out Started
PLM Effective Date	Product phase-out since: 01.05.2024
Notes	The product was replaced with the following successor product: <a href="#">6ES7516-3AP03-0AB0 Compare Products</a>
Successor information	
Successor	<a href="#">6ES7516-3AP03-0AB0</a>
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 <a href="https://support.industry.siemens.com">support.industry.siemens.com</a> to be considered! ***
Price data	
Region Specific Price Group / Headquarter Price Group	215 / 215
List Price	<a href="#">Show prices</a>
Customer Price	<a href="#">Show prices</a>
Surcharge for Raw Materials	None
Metal Factor	None
Delivery information	

Export Control Regulations	AL : N / ECCN : 9N9999
Estimated dispatch time (Working Days)	1 Day/Days
Net Weight (kg)	0,612 Kg
Packaging Dimension	15,60 x 16,20 x 8,30
Package size unit of measure	CM
Quantity Unit	1 Piece
Packaging Quantity	1
Additional Product Information	
EAN	4047623410355
UPC	195125034488
Commodity Code	85371091
LKZ_FDB/CatalogID	ST73
Product Group	4500
Group Code	R132
Country of origin	Germany



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