

SIMATIC S7-1500

Product Data Sheet

6ES7512-1CK01-0AB0

CPU 1512C-1 PN Compact Controller

MEMORY	DIGITAL I/O	ANALOG I/O	SUPPLY
250 KB / 1 MB	32 DI / 32 DQ	5 AI / 2 AQ	24 V DC

Siemens 6ES7512-1CK01-0AB0 is a SIMATIC S7-1500 CPU 1512C-1 PN compact controller with integrated I/O and a two-port PROFINET IRT interface.

01

VERIFIED TECHNICAL DATA

Product type	CPU 1512C-1 PN compact controller
Hardware functional status	FS03
Firmware version	V2.9
Program work memory	250 KB
Data work memory	1 MB
Integrated digital inputs	32
Integrated digital outputs	32
Integrated analog inputs	5

Values are limited to this exact Siemens order number and the cited official manual.

02

ADDITIONAL VERIFIED DATA

Integrated analog outputs	2
High-speed counters	6
Technological outputs	4 PTO/PWM/frequency
PROFINET interface	IRT, integrated 2-port switch
Rated supply	24 V DC
Dimensions W × H × D	110 × 147 × 129 mm
Device weight	Approx. 1,360 g

03

PRODUCT FUNCTION

The exact order number provides 250 KB program work memory, 1 MB data work memory, 32 digital inputs, 32 digital outputs, five analog inputs, two analog outputs, six high-speed counters and four high-speed technological outputs.

04

OFFICIAL APPLICATIONS

- Cyclic machine and process control
- PROFINET IO controller operation
- Integrated motion-control tasks
- PID control functions
- High-speed counting and technological output tasks

05

OFFICIAL SOURCES

[Siemens exact product record](#)

[SIMATIC S7-1500 CPU 1512C-1 PN Technical Data](#)

AMIKON PRODUCT SUPPORT

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