

SIMATIC IPC427C

Product Data Sheet

6ES7647-7BJ40-0AC0

SIMATIC IPC427C (MICROBOX PC)

SUPPLY VOLTAGE 24 V DC; 19.2 to 28.8 V	USB CONNECTIONS 4 x USB 2.0	COM1 INTERFACE RS-232; 9-pin D-sub	DISPLAY CONNECTION DVI-I with integrated VGA
--	---------------------------------------	--	--

Siemens 6ES7647-7BJ40-0AC0 is a SIMATIC IPC427C MICROBOX PC for industrial PC-based automation. It provides a compact computing platform for compatible control, visualization and data-processing software in the configured automation system.

01

VERIFIED TECHNICAL DATA

Supply voltage	24 V DC; 19.2 to 28.8 V
USB connections	4 x USB 2.0
COM1 interface	RS-232; 9-pin D-sub
Display connection	DVI-I with integrated VGA
Maximum PC/104 expansion modules	3
Buffered SRAM	2 MB
Retainable data during supply buffering	256 KB at full load
Minimum power-failure hold-up	15 ms at 20.4 V
Maximum integrated supply power consumption	72 W
Maximum integrated supply output power	60 W continuous

ADDITIONAL PRODUCT DATA

Enclosure protection	IP20
Electrical protection class	Class I
Minimum starting-current capability	4.5 A for 15 ms
Protective-earth conductor cross-section	2.5 mm ² minimum

DOCUMENTED USE SETTINGS

Industrial Manufacturing and Production Processing: Manufacturing Process Automation.

Food Production and Beverage Processing: Food Processing and Packaging.

Chemical Production and Petrochemical Processing: Industrial Chemical Production.

SYSTEM COMPATIBILITY

6ES7647-7BJ40-0AC0 belongs to the SIMATIC IPC427C family and provides the documented simatic ipc427c (microbox pc) function. Its supply voltage is 24 V DC; 19.2 to 28.8 V; match this characteristic to the connected equipment and the project configuration.

PRODUCT EVIDENCE

SIMATIC IPC427C platform specifications: Siemens application documentation 23942303, p.14; Siemens Operating Instructions A5E02414743-01, pp.18, 91, 96 (manufacturer-authored copies). Exact CPU, RAM and storage options are not confirmed.

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM