

SIMATIC IPC427D CORE I3 EXECUTION

Product Data Sheet

6AG4140-3DM07-0KA0

Fanless Industrial Microbox Computer

PROCESSOR EXECUTION	PROCESSOR CLOCK	PROCESSOR CACHE CAPACITY	RATED INPUT SUPPLY
Intel Core i3-3217UE	1.6 GHz	3 MB SLC	24 V DC

Siemens 6AG4140-3DM07-0KA0 is a SIMATIC IPC427D Microbox PC identified as the Core i3 execution. It provides fanless industrial computing for the selected control, visualisation or data-processing solution.

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VERIFIED TECHNICAL DATA

Processor execution	Intel Core i3-3217UE
Processor clock	1.6 GHz
Processor cache capacity	3 MB SLC
Rated input supply	24 V DC
Permitted DC supply	19.2 to 28.8 V
Supply interruption buffering	At least 15 ms at 20.4 V
Maximum device power demand	64.8 W at 24 V
Enclosure protection	IP20
Protection class	Class I
USB interface allocation	4 USB 3.0 high-current ports

ADDITIONAL PRODUCT DATA

Ethernet interface allocation	2 RJ45, 10/100/1000 Mbit/s
DVI-I display capability	640 x 480 to 1920 x 1200, 60 Hz
DisplayPort maximum resolution	1920 x 1200, 60 Hz
Conducted burst immunity	±2 kV, IEC 61000-4-4
Electrostatic discharge immunity	±6 kV contact; ±8 kV air

DOCUMENTED USE SETTINGS

Automotive Manufacturing and Component Processing: Automotive Assembly Process Automation.

Chemical Manufacturing and Continuous Process Control: Chemical Production Process Automation.

Food Processing and Beverage Processing: Food Processing and Production.

SYSTEM COMPATIBILITY

Integrate 6AG4140-3DM07-0KA0 only in the documented SIMATIC IPC427D Core i3 Execution configuration. Match the installed interfaces and the engineered application before selecting this fanless industrial microbox computer.

PRODUCT EVIDENCE

Exact Core i3 identity from Ram Automations; common hardware from Siemens IPC427D manual, 05/2017; installed options unconfirmed