SIEMENS

Data sheet 6AG4141-5BC30-0GV8

SIMATIC IPC427E (Microbox PC), HD graphic onboard, 4x USB V3.0 (high current), PCIe (optional), Core i5-6442EQ; 3x Gbit Ethernet (IE/PN); mounting onto standard rail; 16 GB; 2x RS232/485; without PCIe; without operating system, without exchangeable mass storage; 480 GB solid-state drive SATA; Industrial Edge SINUMERIK; 24 V DC industrial power supply and TPM



Figure similar

General information	
Product type designation	IPC427E
Supply voltage	
Type of supply voltage	24 V DC
Processor	
Processor type	Core i5-6442EQ (4C/4T, 1.9 (2.7) GHz, 6 MB cache)
Storage	
Capacity of main memory, max.	16 Gbyte
Interfaces	
Number of industrial Ethernet interfaces	3
Number of PROFINET interfaces	3
Degree and class of protection	
IP degree of protection	IP20
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	45 °C
Operating systems	
pre-installed operating system	No

Classifications

	Version	Classification
eClass	16	19-20-01-02
eClass	14	19-20-01-02
eClass	12	19-20-01-02
eClass	9.1	19-20-01-02
eClass	9	19-20-01-02
eClass	8	19-20-01-02
eClass	7.1	19-20-01-02
eClass	6	19-20-01-02
ETIM	10	EC001413
ETIM	9	EC001413
ETIM	8	EC001413
ETIM	7	EC001413

Approvals / Certificates

General Product Approval

Subject to change without notice
© Copyright Siemens

Manufacturer Declaration

General Product Approval				For use in hazardous locations	
	BIS CRS				

For use in hazardous locations			Maritime application		
Miscellaneous		CCC-Ex			

Maritime application				Dangerous goods	
	NK / Nippon Kaiji Kyokai	CCS (China Classification Society)	KR (Korean Register of Shipping)	Dangerous goods information	Test Summary Report UN 38.3

Dangerous goods		Environment	
Dangerous goods information	Test Summary Report UN 38.3	Environmental Confirmations	Environmental Confirmations

last modified: 7/23/2026

Subject to change without notice
© Copyright Siemens