

SIMATIC IPC227G 2x display port; 3x 10/100/1000 Mbps Ethernet; 4x USB3.0; 2x M.2 extension slot; DC 24 V industrial power supply



Figure similar

General information	
Product type designation	IPC227G
Installation type/mounting	
Mounting	book mounting
Design	Box PC, built-in unit
Supply voltage	
Type of supply voltage	24 V DC
Rated value (DC)	24 V
Mains buffering	
• Mains/voltage failure stored energy time	20 ms
Input current	
Current consumption (rated value)	0.7 A
Current consumption, max.	1.9 A
Inrush current, max.	2.5 A
Processor	
Processor type	Intel Atom X6413E
Chipset	SoC
Graphic	
Graphics controller	Integrated
Drives	
SSD	Yes; 256 Eco
Storage	
Type of memory	DDR4 SO-DIMM
Main memory	8 GB RAM
Capacity of main memory, max.	8 Gbyte
Interfaces	
Number of industrial Ethernet interfaces	3; 3x Ethernet (RJ45)
Video interfaces	
• Graphics interface	2x DisplayPort
Industrial Ethernet	
• Industrial Ethernet interface	
— 100 Mbps	Yes
— 1000 Mbps	Yes
Protocols	
Protocols (Ethernet)	
• TCP/IP	Yes
Interrupts/diagnostics/status information	

LED status display	1x power, 3x user		
Integrated Functions			
Monitoring functions			
• Temperature monitoring	Yes		
• Fan	No		
• Monitoring function via network	Optional		
Degree and class of protection			
IP degree of protection	IP40		
Standards, approvals, certificates			
CE mark	Yes		
cULus	Yes		
RCM (formerly C-TICK)	Yes		
KC approval	Yes		
EAC (formerly Gost-R)	Yes		
FCC	Yes		
Dust protection	Protection against foreign bodies > 1 mm		
Ambient conditions			
Ambient temperature during operation			
• min.	0 °C		
• max.	55 °C		
Ambient temperature during storage/transportation			
• min.	-20 °C		
• max.	60 °C		
Vibrations			
• Vibration resistance during operation acc. to IEC 60068-2-6	tested according to IEC 60068-2-6: 5 Hz to 8.4 Hz: 3.5 mm, 8.4 Hz to 200 Hz : 9.8m/s² (1 g) (except DIN Rail) 10 Hz to 58 Hz: 0.0375 mm, 58 Hz to 500 Hz: 4.9 m/s² (0.5 g) (DIN Rail)		
Operating systems			
pre-installed operating system	Windows 10 IoT Enterprise 2021 LTSC		
pre-installed operating system			
• Windows 10	Yes; Windows 10 IoT Enterprise 2021 LTSC		
• Windows 10 Enterprise	Yes; Windows 10 IoT Enterprise 2021 LTSC		
Dimensions			
Width	191 mm		
Height	100 mm		
Depth	64 mm		
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		Dangerous goods	

[Manufacturer Declaration](#)

[Miscellaneous](#)

[China RoHS](#)

[Dangerous goods information](#)

[Test Summary Report UN 38.3](#)

