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Data sheet 6AV7230-0EA20-2CA0



Figure similar

*** no longer available *** SIMATIC IPC377E (basic panel PC) 19" Touch (1366 x 768); Celeron N3160 (4C/4T); 4 GB RAM; 256 GB SSD; 1x display port graphic; 1x VGA port graphic; 2x 10/100/1000 Mbps Ethernet RJ45; 2x USB 3.0; 2x USB 2.0; 4x serial ports (COM); 1x mPCIe / 1x mSATA; Windows 10 Enterprise 2016 LTSB, 64-bit; MUI (en,de,fr,it,es); 24 V DC power supply; built-in, VESA mounting

General information	
Product type designation	IPC377E
Installation type/mounting	
Mounting	Panel mount and VESA, horizontal and vertical
Design	Panel PC, built-in unit
Supply voltage	
Type of supply voltage	24 V DC
Mains buffering	
● Mains/voltage failure stored energy time	10 ms
Processor	
Processor type	Intel Celeron N3160
Graphic	
Graphics card	Yes
Drives	
Hard disk	500 GB HDD
Storage	
Type of memory	DDR3L
Main memory	4 GB (pre-installed)
Capacity of main memory, max.	8 Gbyte
Hardware configuration	
Slots	
● Number of PCI slots	0
Interfaces	
Number of industrial Ethernet interfaces	2; 2x RJ45 (independent)
Number of PROFINET interfaces	2
Video interfaces	
● Graphics interface	1x DisplayPort, 1x VGA
Industrial Ethernet	
● Industrial Ethernet interface	
— 100 Mbps	Yes
— 1000 Mbps	Yes
Protocols	
Protocols (Ethernet)	
● TCP/IP	Yes
Interrupts/diagnostics/status information	
LED status display	POWER, HDD
Integrated Functions	

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Monitoring functions	
● Temperature monitoring	Yes
● Fan	No
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP40
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes
cULus	Yes
RCM (formerly C-TICK)	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.	45 °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 DIN IEC 60068-2-6: 10 Hz to 58 Hz: 0.075 mm; 58 Hz to 500 Hz 9.8 m/s² (1 g)
Operating systems	
pre-installed operating system	Windows 10 Enterprise 2016 LTSB, 64 bit, MUI
pre-installed operating system	
● Windows 10 Enterprise	Yes; Windows 10 IoT Enterprise 2016 LTSB, 64bit, MUI
Dimensions	
Width	472.6 mm
Height	296.8 mm
Depth	103 mm

Classifications

	Version	Classification
eClass	16	19-20-01-03
eClass	14	19-20-01-03
eClass	12	19-20-01-03
eClass	9.1	19-20-01-03
eClass	9	19-20-01-03
eClass	8	27-24-23-01
eClass	7.1	27-24-23-01
eClass	6	27-24-23-01
ETIM	10	EC001414
ETIM	9	EC001414
ETIM	8	EC001414
ETIM	7	EC001414
IDEA	4	6607
UNSPSC	15	43-21-15-06

Approvals / Certificates

General Product Approval

Manufacturer Declaration

Miscellaneous

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General Product Approval	EMV	Dangerous goods			
BIS CRS		Test Summary Report UN 38.3	Dangerous goods information	Dangerous goods information	Test Summary Report UN 38.3

last modified: 11/24/2025

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