

SIMATIC IPC677E(Panel PC), 22" Multitouch (1920x1080); UHD graphic onboard; DP/DVI-D; 3x Gigabit Ethernet (IE/PN); 6x USB 3.1 Gen. 2; 1x serial (COM 1); RAID controller onboard; Watchdog, temperature and fan monitoring; Core i7-8700 (6C/12T, 3.2(4.6) GHz, 12 MB cache, VT-d, AMT); RAID1 2x SSD 2.5" SATA 480 GB In removable frame; 8 GB DDR4-2666(2x4); 24 V DC industrial power supply Windows 10 Enterprise 2019 LTSC, 64-bit, MUI (en, de, fr, it, es) For Core i7; Without extension (software); Without extension (HW); 2x PCI

General information																																					
Product type designation	IPC677E																																				
Display																																					
Design of display	22" TFT multi-touch																																				
Screen diagonal	22 in																																				
Resolution (pixels)																																					
• Horizontal image resolution	1 920 pixel																																				
• Vertical image resolution	1 080 pixel																																				
Backlighting																																					
• MTBF backlighting (at 25 °C)	30 000 h																																				
Control elements																																					
Touch operation																																					
• Design as touch screen	Yes																																				
• Design as multi-touch screen	Yes; Projective-capacitive																																				
Installation type/mounting																																					
central design	Yes																																				
Mounting in portrait format possible	Yes																																				
Power loss																																					
In full configuration	165 W																																				
Dimensions																																					
Width of the housing front	529 mm																																				
Height of housing front	331 mm																																				
Mounting cutout, width	513 mm																																				
Mounting cutout, height	315 mm																																				
Overall depth	120 mm																																				
Weights																																					
Weight, approx.	10.5 kg																																				
Classifications																																					
	<table border="1"> <thead> <tr> <th></th> <th>Version</th> <th>Classification</th> </tr> </thead> <tbody> <tr> <td>eClass</td> <td>14</td> <td>19-20-01-03</td> </tr> <tr> <td>eClass</td> <td>12</td> <td>19-20-01-03</td> </tr> <tr> <td>eClass</td> <td>9.1</td> <td>19-20-01-03</td> </tr> <tr> <td>eClass</td> <td>9</td> <td>19-20-01-03</td> </tr> <tr> <td>eClass</td> <td>8</td> <td>27-24-23-01</td> </tr> <tr> <td>eClass</td> <td>7.1</td> <td>27-24-23-01</td> </tr> <tr> <td>eClass</td> <td>6</td> <td>27-24-23-01</td> </tr> <tr> <td>ETIM</td> <td>10</td> <td>EC001414</td> </tr> <tr> <td>ETIM</td> <td>9</td> <td>EC001414</td> </tr> <tr> <td>ETIM</td> <td>8</td> <td>EC001414</td> </tr> <tr> <td>ETIM</td> <td>7</td> <td>EC001414</td> </tr> </tbody> </table>		Version	Classification	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
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Test Certificates

Maritime application

other

[Type Test Certificates/Test Report](#)



[Confirmation](#)



[Miscellaneous](#)

Dangerous goods

Environment

[Transport Information](#)



[Environmental Confirmations](#)

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