

SIMATIC IPC627C (BOX PC),  
 HD GRAFIK ONBOARD,  
 2X10/100/1000 MBIT/S ETHERNET RJ45;  
 4 X USB V2.0 (HIGH CURRENT);  
 1 X SERIAL (COM1);  
 RAID-CONTROLLER ON BOARD;  
 COMPACT FLASH DRIVE NR.1 FRONT FRONT SIDE;  
 WATCHDOG, TEMP.-/FAN- MONITORING;

Supply voltage	
Supply voltage	100 - 240 V AC, optional 24 V
Processor	
Processor	Core i7-610E (2C/4T, 2.53 GHz, TB, HT, VT, AMT, 4MB cache); Core i3-330E (2C/4T, 2.13 GHz, HT, VT, 3MB cache); Celeron P4505 (2C/2T, 1.86 GHz, VT, 2MB cache);
Memory	
Main memory	1 GB to 8 GB, ECC optional
Capacity of main memory, maximum	8192 Mbyte
Interfaces	
PROFIBUS/MPI	Onboard, isolated, max. 12 Mbit/s, CP5611-compatible
USB port	4x USB 2.0 high speed/high current
Free slots	2 X PCI or 1xPCI & 1 x PCIe X16 (265 mm/185mm long) , 1xslot for CompactFlash Card
Number of compact flash slots	1
Connection for keyboard/mouse	USB / USB
serial interface	COM1: 1 x V.24 (RS232)
Video interfaces	
Graphics interface	DVI-I: VGA / DVI combined
Industrial Ethernet	
Industrial Ethernet interface	2 x Fast Ethernet
Industrial Ethernet interface	
100 Mbit	Yes
1000 Mbit	Yes
Monitoring functions	
Temperature	Yes
Watchdog	Yes
Status LEDs	Yes
Standards, approvals, certificates	

<b>Approval</b>	CE, cULus (508), C-Tick
<b>EMC</b>	CE, EN 55022A, EN 61000-6-4, EN 61000-6-2
<b>Ambient conditions</b>	
<b>Relative humidity</b>	
<b>Relative humidity</b>	Tested to DIN IEC 68-2-3, DIN IEC 68-2-30, DIN IEC 68-2-56: 5% to 80% at 25 °C (no condensation)
<b>Vibrations</b>	
<b>Vibration load in operation</b>	Tested to DIN IEC 68-2-6: 10 to 58 Hz: 0.075 mm, 58 to 200 Hz: 9.8 m/s <sup>2</sup> (1 g)
<b>Shock testing</b>	
<b>Shock loading in operation</b>	Tested to DIN IEC 68-2-29: 50 m/s <sup>2</sup> (5g), 30 ms, 100 shocks
<b>Operating systems</b>	
<b>Operating system</b>	Windows XP Prof. SP3, MUI; Windows 7 Ultimate 32/64Bit, MUI; Windows Embedded Standard 2009 English on 8 GB CompactFlash; without operating system;
<b>Software</b>	
<b>SIMATIC Software</b>	Optionally in package with SIMATIC WinCC or WinCC flexible
<b>Dimensions</b>	
<b>Width</b>	312 mm
<b>Height</b>	80 mm
<b>Depth</b>	301 mm
Status	Mar 25, 2013