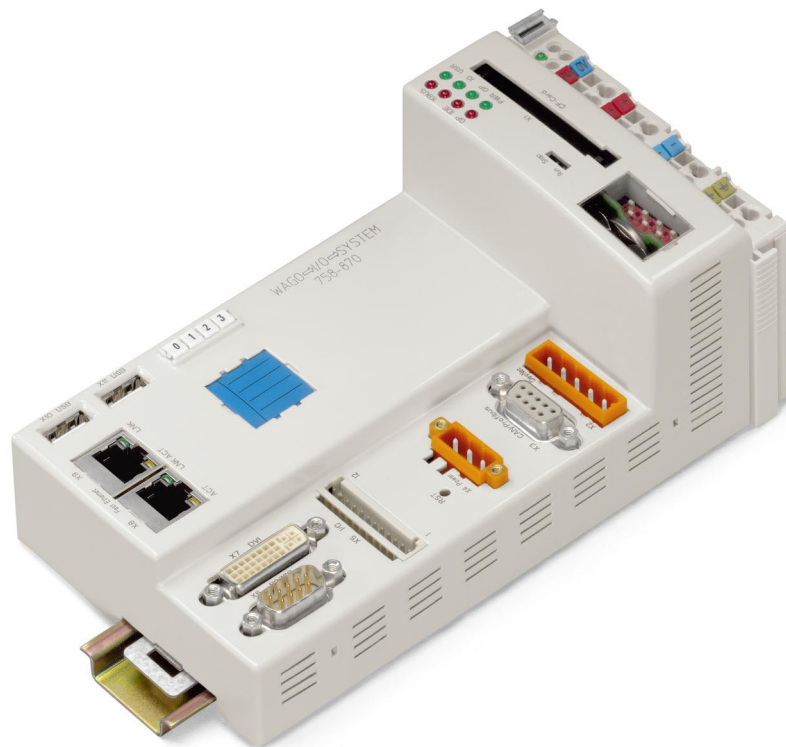
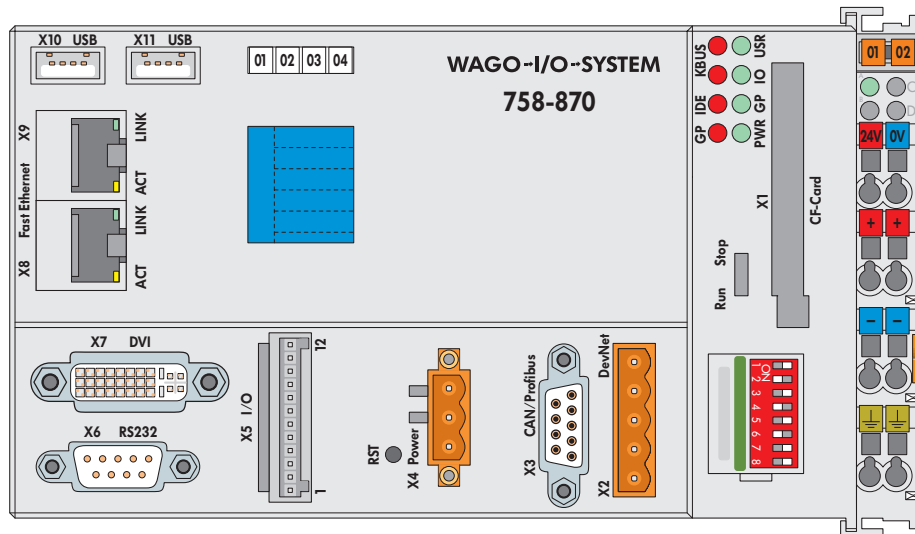


# WAGO-I/O-IPC Industrial compact PC



Description	Item-No.	Pack.-unit pcs																																						
<b>WAGO-I/O-IPC</b>	<b>758-870</b>	1																																						
<p>The IPC is a cost-effective industrial compact PC solution for real time control applications. In spite of its small size, the IPC integrates all standard PC functions, including network and fieldbus interfaces, for local and remote control applications.</p> <p>The small housing is mountable on a DIN 35 rail.</p> <p>WAGO I/O modules can be directly connected.</p> <p>Typical markets for IPC applications are the high end machinery industry i.e. packaging, bottling, textiles, production and metal &amp; wood processing.</p> <p>Programmable in accordance with IEC 61131-3</p> <p>Programmable with WAGO-I/O-PRO CAA, compatible with CoDeSys Automation Alliance</p> <ul style="list-style-type: none"> <li>▶ Small DIN-Rail PC</li> <li>▶ direct connection of WAGO I/O modules</li> <li>▶ COM1, 2*LAN, USB, DVI</li> <li>▶ Operating System RT-Linux embedded</li> </ul>	<p><b>Technical Data</b></p> <table border="1"> <tr> <td>Max no. of I/O modules</td> <td>64 per node</td> </tr> <tr> <td>CPU</td> <td>Geode SC1200/1200; 266 MHz</td> </tr> <tr> <td>Memory</td> <td>32 MB</td> </tr> <tr> <td>Bios</td> <td>Insyde</td> </tr> <tr> <td>Graphic</td> <td>DVI, 1024*768; LCD / Panellink</td> </tr> <tr> <td>Drives</td> <td>Compact-Flash Type I</td> </tr> <tr> <td>Lan</td> <td>2 x 10Base-T /100Base-TX</td> </tr> <tr> <td>Fieldbus (optional)</td> <td>Profibus-DP, CAN, DeviceNet</td> </tr> <tr> <td>I/O interfaces</td> <td></td> </tr> <tr> <td>  Serial:</td> <td>EIA: RS 232 compliant, serial COM 1 9-pin male D-SUB connector</td> </tr> <tr> <td>  USB:</td> <td>2 x USB Ports according to specification 1.1</td> </tr> <tr> <td>  Additional interface</td> <td>2 x digital outputs, isolated, 2 x digital inputs, isolated</td> </tr> <tr> <td>Diagnostic LEDs:</td> <td>Power supply Watchdog Run / Stop IDE Internal bus</td> </tr> <tr> <td>  Programming</td> <td>WAGO-I/O-PRO CAA</td> </tr> <tr> <td>  IEC 61131-3</td> <td>IL, LD, FBD, ST, FC</td> </tr> <tr> <td>  Operating system</td> <td>RT-Linux embedded</td> </tr> <tr> <td>RT support</td> <td>128 KB PLC SRAM battery backed NMI timer</td> </tr> <tr> <td>Watchdog</td> <td>Trigger interval 400 ms (reset triggered at time out)</td> </tr> <tr> <td>Power Supply</td> <td>DC 10V ... 30V, DC 24V nominal</td> </tr> </table>	Max no. of I/O modules	64 per node	CPU	Geode SC1200/1200; 266 MHz	Memory	32 MB	Bios	Insyde	Graphic	DVI, 1024*768; LCD / Panellink	Drives	Compact-Flash Type I	Lan	2 x 10Base-T /100Base-TX	Fieldbus (optional)	Profibus-DP, CAN, DeviceNet	I/O interfaces		Serial:	EIA: RS 232 compliant, serial COM 1 9-pin male D-SUB connector	USB:	2 x USB Ports according to specification 1.1	Additional interface	2 x digital outputs, isolated, 2 x digital inputs, isolated	Diagnostic LEDs:	Power supply Watchdog Run / Stop IDE Internal bus	Programming	WAGO-I/O-PRO CAA	IEC 61131-3	IL, LD, FBD, ST, FC	Operating system	RT-Linux embedded	RT support	128 KB PLC SRAM battery backed NMI timer	Watchdog	Trigger interval 400 ms (reset triggered at time out)	Power Supply	DC 10V ... 30V, DC 24V nominal	
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Technical Data	Variations	Item-No.	Pack.-unit pcs
Ambient conditions	<b>WAGO-I/O-IPC with PROFIBUS Master 758-870/000-001</b>		1
Temperature:	<b>WAGO-I/O-IPC with CANopen Master 758-870/000-002</b>		1
Operation:	<b>WAGO-I/O-IPC with DeviceNet Master 758-870/000-003</b>		1
Storage:			
Vibration:	<b>Other variations are available upon request</b>		
Operation:			
Storage/transit:			
Shock:			
Operating:			
Storage/transit:			
Humidity:			
Operating:			
Storage/transit:			
Altitude:			
Operating:			
Storage/transit:			
Mechanical system:	<b>Approvals</b>		
Weight:	UL	E175199, UL 508 (applied for)	
Electromagnetic compatibility	Conformity marking	CE	
Protection & safety			
Protection	<b>Accessories</b>		
	WAGO-I/O PRO CAA	759-333	
	Miniature WSB quick marking system	W3 Volume 3.3, pages 1.210 ... 1.211	