

# PC15 Industrial PC

PC15 is a industrial PC designed on PC basis for RACK 19" installation. PC15 is for monitoring the machine cycle and for local programming.

It supports the most diffused Microsoft operating systems and allows network connection to other panel and to the corporate network. PC15 is connected to the actual CNC which controls the axes and the machine inputs/outputs.

The 15" monitor is type LCD with active matrix with resolution 1024x768. It can be customised with or without Touch screen. The keyboard is realised on separated panel with keys and mouse integrated. The Panel fort contain the floppy disk reader(can also be replaced with a USB HUB) protected by a suitable hermetically sealed system. The main characteristic, is the possibility to separate the video from the case, and the external interface serial and ethernet that allow connect with external world, like a whichever office PC.

PC15 is projected to work in industrial place with index protection IP54.

The power supply of PC is 110/230V



Cod. H0PC1500XXX

CHARACTERISTICS	DESCRIPTION	GENERAL
	<b>NOTES</b>	
Dimensions (LxHxD)	483mm x 311mm x 180mm	
Installation	Panel	- Panel cutout: Rack 19"
Weight	10 kg	
Operating environment	Industrial	
Protection class	Front: IP54 - Rear: IP20	
Operating temperature	From 0° to 50°C	
Operating humidity (without condensate)	From 10 to 90%	
Max operating altitude	2000m	

CHARACTERISTICS	DESCRIPTION	GENERAL
<b>ELECTRICAL</b>		
Supply voltage	110/230 VAC	
Available power	Max 150 W	
<b>CPU</b>		
Processor	VIA C3 1GHz	
BIOS	AwardBIOS with 2Mbit flash memory	
Dynamic memory (RAM)	256MB	- Expandable to 1GB
Bulk memory (HD)	40 GB 7200 rpm	- Expandable
<b>INTERFACES</b>		
Serial	2 RS232 line	- On DB9
Ethernet	1 10/100MB BASE-T line	- On RJ45
Parallel port	1 line	- On DB25
USB port	4 USB ports V2.0/V1.1	
Firewire port	2 IEEE 1394	
PCI slot	1	
Audio	1 line in - 1 line out - 1 mic in	
Video	1 RCA video - 1 S-video	
<b>OPERATOR INTERFACE</b>		
Keyboard	Industrial, waterproof	
Input for standard keyboard	1 line	- On PS2
Input for mouse	1 line	- On PS2
TFT LCD 1024x768 monitor	- 12.1 inches - Brightness 300 nit - Contrast 250:1 - Dot Pitch 0.3075 x 0.3075 mm - CR 39 protective anti-reflection front glass screen	
<b>SOFTWARE</b>		
Operating system	Windows 98 - Windows XP	
Development and analysis environment	SyncoView32	- Automatic monitoring of the last 6 sec. - For the axes, dedicated instructions for punching and form-pressing functions
<b>EXPANSIONS</b>		
Floppy disk	1.44MB	
USB HUB	4 USB ports	- inserted in the place of the floppy drive
<b>INTERFACE</b>		
UR050	<b>Power supply:</b> 18VDC 24VAC <b>Encoder power supply</b> 5-12Volt Line Driver Open Collector <b>CPU:</b> Motorola MCF5206E 40 Mhz <b>RAM:</b> 1Mb – Flash Eprom: 1Mb <b>AXES</b> (Max N.3) max. axis count freq. 500Khz with multipliation for 4 <b>Digital I/O :</b> Max 16IN + 16OUT – <b>Digitla I/O BLT:</b> Max 48IN +48OUT <b>2 RS232 – 1 CANOpen – BLT</b>	
UR10	<b>Power supply:</b> 18-30 VDC, 15-24 VAC <b>Encoder power supply:</b> 5 / 12 Volt Line Driver, Open Collector <b>CPU:</b> Motorola 32-bit 24 MHz <b>RAM:</b> 1MB - Flash EPROM: 1MB <b>AXES:</b> Max 6. Max axis count freq 500 KHz x 4 <b>Digital inputs/outputs - BLT:</b> Max 72+72 <b>CAN:</b> 96 inputs/outputs, 4 nodes of 64 inputs/outputs <b>MAX - Maximum:</b> 96I/O <b>2 RS232 - 1 ETH – 1 CANOpen - BLT</b>	
Syncro Basic Rack	<b>Power supply:</b> 24 VAC+/-30% <b>CPU:</b> 68EC020 <b>RAM:</b> 2MB <b>AXES:</b> Max 6 - Max axis count freq 500Khz x 4 - +5/12V Push Pull, Open Collector, Line Driver <b>Digital inputs/outputs - BLT:</b> Max 80 inputs/outputs - <b>CAN:</b> 192 inputs/outputs - <b>Maximum:</b> 192 I/O <b>Analog outputs +/-10V</b> <b>2 RS232, RS422</b>	