

PC10 Industrial PC

PC10 is a industrial PC designed on PC basis for small installation. PC10 is for monitoring the machine cycle.

It supports the most diffused Microsoft operating systems and allows network connection to other panel and to the corporate network. PC10 is connected to the actual CNC which controls the axes and the machine inputs/outputs.

The Tuoch screen 10" monitor is type LCD with active matrix with resolution 800x600.

The Panel fort contain USB connector protected by a suitable hermetically sealed system. The external interface Serial and ethernet allow connect with external world, like a whichever office PC.

PC10 is projected to work in industrial place with index protection IP65.

The power supply of PC is 230Vca



Cod. H0PC1000XXX

CHARACTERISTICS	DESCRIPTION	GENERAL
	NOTES	
Dimensions (LxHxD)	350mm x 276mm x 120mm	
Installation	Panel	Panel cutout 330mmx260mm
Weight	5 kg	
Operating environment	Industrial	
Protection class	Front: IP65 - Rear: IP20	
Operating temperature	From 0° to 50°C	
Operating humidity (without condensate)	From 10 to 80%	
Max operating altitude	2000mt	

CHARACTERISTICS	DESCRIPTION	GENERAL
ELECTRICAL		
Supply voltage	230 Vca	
Available power	Max 150W	
CPU		
Processor	VIA C3/EDEN 1.0GHz	
BIOS	AwardBIOS with 2Mbit flash memory	
Dynamic memory (RAM)	256MB	- Expandable to 1GB
Bulk memory (HD)	40 GB 7200 rpm	- Expandable
INTERFACES		
Serial	4 RS232 lines	- On DB9
Ethernet	2 10/100Mbps line	- On RJ45
Parallel port	1 line	- On DB25 (only internal to Hardware keys)
USB port	5 USB ports /V2.0	1 on front panel
Firewire port	2 IEEE 1394	
Audio	1 line in - 1 line out - 1 mic in	
OPERATOR INTERFACE		
Input for standard keyboard	1 line	- On PS2
Input for mouse	1 line	- On PS2
Touch-screen	reistive	
TFT LCD 800x600 monitor	- 10.4" inches	
SOFTWARE		
Operating system	Windows XP	
Development and analysis environment	SyncroView32	- Automatic monitoring of the last 6 sec. - For the axes, dedicated instructions for punching and form-pressing functions
EXPANSIONS		
PCI slot	1 slot	
Secondary IDE	IDE Connector to external connection	
INTERFACE		
UR050	Power supply: 18-30 VDC, 15-24 VAC Encoder power supply 5-12Volt Line Driver Open Collector CPU: Motorola MCF5206E 40 Mhz RAM: 1Mb – Flash Eprom: 1Mb AXES (Max N.3) max. axis count freq. 500Khz with multipliation for 4 Digital I/O : Max 16IN + 16OUT – Digitla I/O BLT: Max 48IN +48OUT 2 RS232 – 1 CANOpen – BLT	
UR10	Power supply: 18-30 VDC, 15-24 VAC Encoder power supply: 5 / 12 Volt Line Driver, Open Collector CPU: Motorola 32-bit 24 MHz RAM: 1MB - Flash EPROM: 1MB AXES: Max 6. Max axis count freq 500 KHz x 4 Digital inputs/outputs - BLT: Max 72+72 CAN: 96 inputs/outputs, 4 nodes of 64 inputs/outputs MAX - Maximum: 96I/O 2 RS232 - 1 ETH – 1 CANOpen - BLT	
Syncro Basic Rack	Power supply: 24 VAC+/-30% CPU: 68EC020 RAM: 2MB AXES: Max 6 - Max axis count freq 500Khz x 4 - +5/12V Push Pull, Open Collector, Line Driver Digital inputs/outputs - BLT: Max 80 inputs/outputs - CAN: 192 inputs/outputs - Maximum: 192 I/O Analog outputs +/-10V 2 RS232, RS422	