

SIMATIC Panel PC IL 70	12" Touch	15" Touch
Display		
Size	12,1" TFT	15,1" TFT
Resolution	800 x 600 pixels	1024 x 768 pixels
MTBF for Back-lighting	Typically 50.000 h (at 24h continuous operation, depend on temperature)	
Operating elements		
Touchscreen	Analog resistiv	
General features		
Prozessor	Intel Pentium 4 Desktop Technologie; Intel Celeron P4 1.7 GHz, Intel Pentium 4 2.0 GHz	
Main memory	128 MByte and 256 MByte; max. 2 GByte	
Free slots for upgrades	3x PCI (long), 1 x AGP (slots with card retainer)	
Operating system	Microsoft Windows XP Prof. MUI Microsoft Windows 2000 Prof. MUI, Windows NT 4.0, without operating system	
Power supply	either AC 90V to 137V or 180V to 264V (Widerange) 50/60 Hz	
Warranty	12 months hardware warranty	
Drives		
Hard-disk	2,5" hard-disk drive >=20Gbyte	
CD-ROM	at the back, can be operated by the side	
Diskette drive 1,44 MByte	at the back, can be operated by the side	
Interfaces		
Ethernet	on-board, 10/100 Mbit, RJ45, no plug-in card required	
USB (Universal Serial Bus)	2 x on the back (USB2.0)	
Serial interface	COM1: 1 x V.24 (RS 232C)	
Parallel interface	LPT1 (EPP/ECP)	
Keyboard / mouse	PS/2 (external keyboard) / PS/2 (external mouse)	
Multimedia	Audio in / out, microphone in, joystick port	
External display	No (only as alternative to integrated TFT display)	
Monitoring funtions		
Temperature and watchdog	onboard	
Ambient conditions		
Degree of protection	IP65 (at the front)	
Vibration load during operation	Tested in accordance with DIN IEC 68-2-6: 20 bis 200 Hz: 2,5 m/s ² (0,25g)	
Impact load during operation	Tested in accordance with DIN IEC 68-2-29: 9,8 m/s ² (1g) , 30 ms, 100 impacts	
EMC	CE, EN 55011, EN 55022, EN 50081-1, EN 550081-2, EN 50082-1, EN 50082-2	
Ambient temperature during operation	+5°C to +45°C	
Relative humidity	Tested in accordance with DIN IEC 68-2-3, DIN IEC 68-2-30, DIN IEC 68-2-56: 5% bis 80% bei 25°C (no condensation)	
Approvals	CE, UL508 with Canada-extantion	
Dimensions		
Installation dim. in mm (W x H x D)	367 x 305 x 213	425 x 349 x 213
Operating unit in mm (W x H)	391 x 329	449 x 373
Mass (in kg)	13	15
Packages		
WinCC / ProTool/Pro	Optional either with SIMATIC ProTool/Pro or with SIMATIC WinCC	