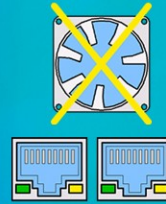


# BASIC



## Cabinet computer in "book format" – with up to four free slots –

Operation, observation, visualizing, controlling: Being particularly tailored to the concerns of automation technology, the industrial computer family of MSC Tuttlingen covers all industrial requirements.

PC-based control, the control by an industrial computer, will push away the classical PLC more and more. This requires a computer, that is mounted at the original mounting place of the PLC: in the cabinet.

Connection ports as well as drive units are conveniently accessible and therefore provide an expedient installation of the systems.

The TERMINAL of MSC operating and visualizing unit is suitable to operate a machine "on site".



BASIC1



## Technical Data

	Board IPC370T	Board IPC479
Cooling	Speed controlled system fan, CPU fan	
Housing / Protection class	Mechanically stable, robust system-unit cover made of galvanized sheet-steel to be installed in cabinet. IP 20 (build-in unit)	
Baseboard / CPU	All-In-One-Board with socket 370 – VIA Twister Chipset – <ul style="list-style-type: none"> <li>• Celeron 1.2 GHz up to Pentium III 1.26 GHz</li> <li>• 32/64 MB frame buffer (shared memory)</li> <li>• Watchdog for system safety</li> </ul>	All-In-One-Board with socket 479 – Intel 82855 GME – <ul style="list-style-type: none"> <li>• Celeron M 370 1.5 GHz</li> <li>• Pentium M 745 1.8 GHz</li> </ul>
Memory	Up to 1 GB SDRAM	Up to 2 GB DDR-RAM
Drive unit	<ul style="list-style-type: none"> <li>• Hard disk 2½" ≥ 40 GB</li> <li>• CD-R, CD-RW, DVD-R or DVD-RW (option)</li> <li>• Floppy 3½" 1.44 MB</li> </ul>	
Interface	<ul style="list-style-type: none"> <li>• Fieldbus (optional, alternative to COM3 / COM4) CANopen, InterBus, PROFIBUS</li> <li>• Audio modul AC97 (option)</li> <li>• Reset button</li> <li>• 2 Ethernet (RJ-45 socket): 10/100 Base-T</li> <li>• COM1 / COM2 as RS 232 (COM2 not available with connected Repeater port), 2x PS/2, LPT1, VGA</li> <li>• COM3 / COM4 (option) as RS 232, RS 485/422 or 20 mA (TTY)</li> <li>• PC/104 slot</li> <li>• 2 USB 1.1</li> <li>• Interface for an external FDD, buffered</li> <li>• Repeater port (COM, PS/2 keyboard, PS/2 mouse to connect TERMINAL)</li> <li>• Floating contact to signal over-temperature</li> <li>• LEDs: hard disk, power, over-temperature and user (user-specific)</li> </ul>	
Passive backplane	<ul style="list-style-type: none"> <li>• 1 or 3 combislots (PCI / ISA) 1)</li> </ul>	<ul style="list-style-type: none"> <li>• 2 Ethernet (RJ-45 socket): 1x 10/100 Base-T, 1x 10/100/1000 Base-T</li> <li>• COM1 / COM2 as RS 232, VGA</li> <li>• COM3 / COM4 (option) as RS 232, RS 485/422 or 20 mA (TTY)</li> <li>• 2x PS/2 for mouse and keyboard connection</li> <li>• 4 USB 2.0</li> <li>• DVI (option)</li> </ul>
Supply voltage	24 VDC (18...36 VDC)	
Power consumption	Max. 115 W Typ. <sup>2)</sup> 42 W	33 W
Ambient temperature	+5 °C to +45 °C	
EMV	interference emission	EN 61000-6-4
	interference resistance	EN 61000-6-2
Shock load in operation	EN 60068-2-27	
Oscillating load in operation	EN 60068-2-6	
Mechanical dimensions	Technical drawings are available as a supplement at <a href="http://www.msc-tuttlingen.de">www.msc-tuttlingen.de</a> .	
Operating system	Windows® XP Prof. MUI	
Endurance test	48 h Burn-In	
Test certificate	CE, UL 508	

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