

# CE 3000



MASCHINEN,- ANLAGEN-  
STEUERUNGSTECHNIK UND  
SYSTEMSOFTWARE GmbH

## S E R • IPC for Pivoting Frames mountable in a switching cabinet

Standard IPC housing 19"/4U, only 400mm deep, containing a mainboard or a passive motherboard to build an industrial PC. There is space for 2x5¼" and 1x3½" drives, an ATX power supply 350 or 450W; a changable filter pad and a lockable flap in front.

### ■ APPLICATIONS

Standard-IPCs are usually 500mm deep; they cannot be installed in pivoting frames of industrial switching cabinets. The **SER** was designed to eliminate this disadvantage, thus being able to carry all kinds of IPC applications for measuring, controlling and observation purposes as well as a master- or slave computer in an industrial network. The **SER** will be fastened at the front of a 19" switching cabinet and it carries all necessary IPC boards and components.



### ■ DESCRIPTION

The **SER** contains an ATX-mainboard with slots to insert AGP standard-PCI boards. The system may be equipped with an AMD as well as an INTEL CPU mainboard. There are 4- to 5 PCI slots available for application-specific peripheral boards depending on the type of mainboard. On request a passive motherboard will be installed to carry a slot-CPU.

The left side of the front panel bears a fan with a changable filter pad; the right side is covered by a lockable flap. Behind this flap there are 2x5,25" and 1x3,5" drive slots. Also there is the power switch, the reset pushbutton, the USB-jack for connection of a programmer's keyboard and 3 status LEDs. All additional interface connectors are placed at the rear side.

The ATX power supplies (350W or 450W) are equipped with separate fans and power switches, the power input is 230VAC and/or 90-240VAC. On request MASS will install the O.S. and the client-specific software image.

### ■ OPTIONS

Changes of front / rear panel incl. paintwork color and the company LOGO; completion, wiring and funktional test of all boards and components. Lockable drawer 19"/1U/D=400mm with a removable keyboard.

### ■ HIGHLIGHTS

■ ATX mainboard, AMD or INTEL CPU for choice. Alternative: insertion of a passive motherboard.

■ Rear connectors: COM 1/2, 2xUSB, VGA, Ethernet 10/100 MBit/s, sound, keyboard/mouse.

■ Front elements: 1xUSB status-LEDs power, HDD, POWER ON switch and RESET pushbutton.

■ Power supply to select from: 230VAC, 24VDC or 95 - 265VAC; operation temperature 5...55°C.

■ Operation systems DOS, WINDOWS NT, WIN 98/2000, WIN XP, XP embedded or Linux.

■ 3 slots for 5¼" drives, 1 slot for 3½" drive, filter pad changable from the front, lockable flap.

### ■ MASS GmbH

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