



Press release

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Rugged box PCs for industrial communication

Mini PCs support USB, Ethernet, WLAN, modem and fieldbus systems

The variety of different interfaces used in industrial communication applications continues to grow. Alongside UART, USB, Ethernet, Bluetooth and WLAN, the number of special fieldbus and radio interfaces required is constantly on the increase. SSV Embedded Systems has now developed the Com/PC range specifically for communication-intensive applications using a wide variety of interfaces. ETX/XTX CPU modules with passive cooling provide the platform for this range. The range features 10 UARTs (COM1 - COM10), 4 x USB, 1 x 10/100 Mbps Ethernet and 1 x 10/100/1000 Mbps Ethernet interfaces as well as a range of extension slots for mini PCI cards, various modem modules and fieldbus cards. Standard PC keyboard, mouse and monitor interfaces are also provided.

All of the Com/PC technology is housed in an extremely compact and rugged metal enclosure, together with a 110 - 230 V AC or a 12 - 24 V DC power supply. The CPU can dissipate heat by means of a special heat sink located directly above the enclosure. If required, the top of the enclosure also features additional cooling ribs for this same purpose.

The Com/PC is available right now with an optional passively-cooled 500 MHz or 1.1 GHz CPU, 256 or 512 MB of RAM and IEEE 802.11b/g WLAN. Optional accessories include a 2.5" hard disk with preinstalled Windows XP, a Compact Flash card with a bootable Linux, analogue, ISDN or GSM/GPRS/EDGE modem and various fieldbus modules. A bracket for a wall or DIN mounting rail is also available. Other variants and expansions are currently under development.

Com/PCs are ideal for use in applications involving remote maintenance, condition monitoring, industrial data acquisition and industrial gateways.

About SSV Embedded Systems: SSV Embedded Systems has a global customer base and is a division of SSV Software Systems GmbH, which was founded in 1982. The company develops and sells embedded systems, industrial PCs and operator terminals, as well as industrial communication systems for use in automation.

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