

## PAC BOX

### e-motion technology

#### Features Windows Real Time-Based CNC System BOX 1000 BOX CNC

CPU	Intel Atom D525 Dual Core 1,86 GHz
Main Storage memory	1 x flash disk (different sizes available)
Serial Ports	1 x RS232
Universal Serial Ports - USB	4 x USB 2.0
Mouse and Keyboard	1 x PS/2 port
Integrated Sound card	1 x Audio port set (jack 3,5 mm for audio line output, mic input)
Field Bus	3 x CAN BUS, prot. Can Open ( +3 optional)
Lan Ethernet	1 x Ethernet 10/100/1000

#### Features Box Arm

CPU	Cortex M3 / Arm 7
Digital inputs	20 x PNP, with LED status indicator
Digital outputs	20 x solid state 24Vdc PNP, max current 1,2 A each, divided in 3 groups (three different output supply common input) (8+8+4) with LED status indicator
Analog Inputs	6 x resolution 12 bit, configurable by jumpers as 0-10V, 4-20 mA
4 Axes	4 x encoder input (zero) Line Driver or Open Collector/Push Pull, voltage 12 or 5 V (configurable by jumper) (bandwidth: 1,5 Mhz) - 4 x analog output +-10V 12 bit - 4 PWM output or 4 x stepper outputs (step + direction)
Main flash storage memory	1 x removable SD Flash 1 GB
Serial Ports	2 x RS232 + 1 x RS485
Lan Ethernet - Teleservice	1 x Ethernet TCP/IP - FTP compatible - Modbus/TCP server, with remote desktop function
Universal Serial Bus Port - USB	1 x USB 2.0 for pen drive
Field Bus	2 x CAN BUS MASTER, Can Open protocol
Real Time Clock (RTC)	1 x Real Time Clock: 24 hours with SCHEDULER (real calendar)