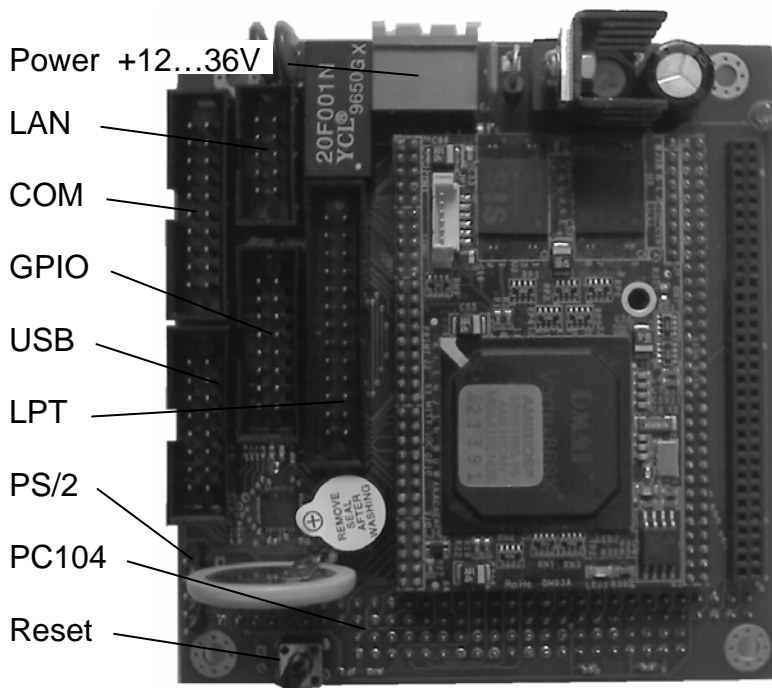


# MB9486

## Vortex86SX PC/104 CPU Module



### Features

- Vortex86SX 300 MHz Processor
- Supports DDR2 memory
- Supports RS-232
- Supports RS-485
- Supports LPT
- Supports USB 2.0
- Supports GPIO
- 10 Mbps Ethernet
- PC/104 connector

### Specifications

<b>Processor System</b>	CPU	x86
	Cache	L1:16K I-Cache, 16K D-Cache
	Chipset	DM&P SoC CPU Vortex86SX- 300MHz
	BIOS	AMI BIOS
<b>System Memory</b>	Technology	128MB DDR2 onboard
<b>Flash Disk Support</b>	Onboard 2MB SPI Flash Disk (Driver: A)	
<b>I/O Interface</b>	RS-232	1
	RS-485	1
	LPT	1
	PS/2	1
	USB 2.0	4
	GPIO (16-bit port)	1
<b>Expansion Slot</b>	PC/104	1
<b>Ethernet</b>	Speed	10 Mbps
	Controller	RTL8019AS
	Interface	1 x RJ-45 by cable
<b>Environment</b>	Operating Temperature	-20 ~ +70° C
	Operating Humidity	-20 ~ +70 degree and 60° C @ 95% RH Non-Condensing
<b>Power</b>	Power Type	AT
	Power Supply Voltage	+12 ~ +36V
	Battery	Lithium 3 V / 210 mA
<b>Watchdog Timer</b>	Output	System reset
	Interval	Software programmable from 30.5 us to 512 seconds
<b>Physical Characteristics</b>	Dimensions (L x W)	96 x 90 mm (3.8" x 3.5")
	Weight	0.162 kg (0.357 lb) (with heat-sink)