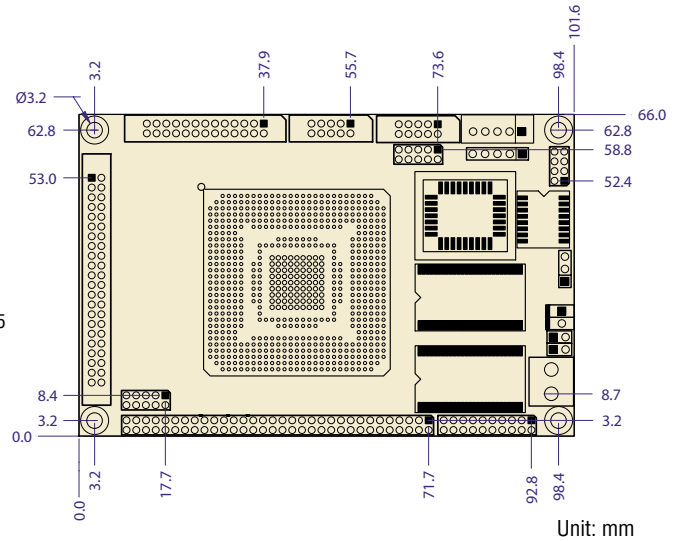
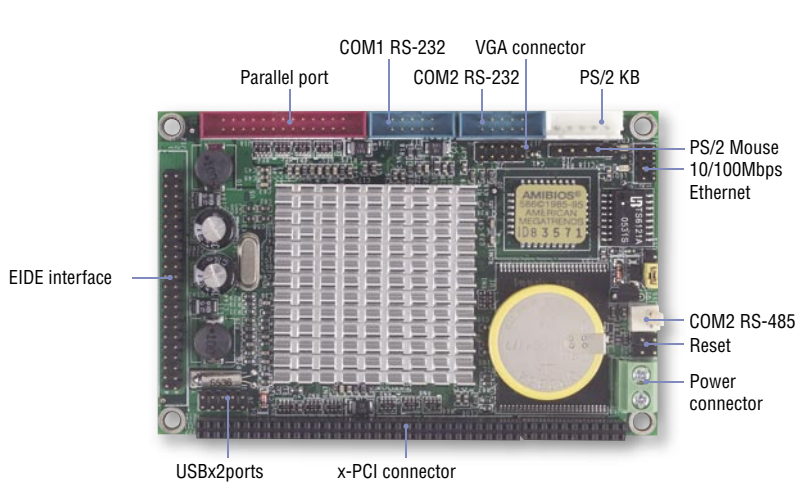


# Vortex86-6082

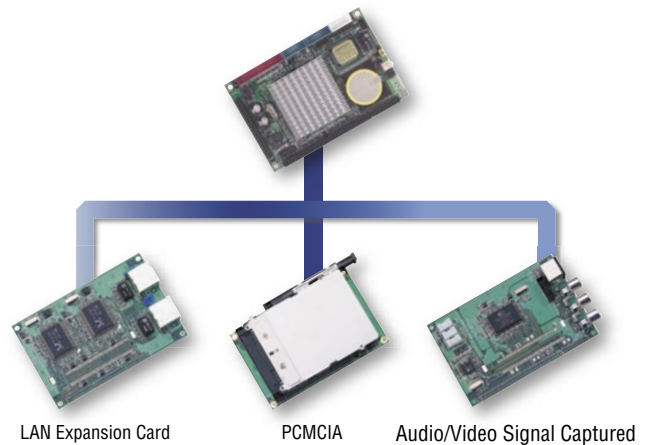
128MB/2S/2USB/IDE/VGA/LAN



## Specifications

<b>SoC</b>	DM&P(SiS) Vortex86 System-on-Chip CPU-166MHz Real Time Clock with Lithium Battery Backup
<b>Bus</b>	32-bit x-PCI interface, compatible with PCI Rev.2.2, PC 98/99
<b>BIOS</b>	AMI BIOS
<b>System Memory</b>	Onboard 128MB SDRAM
<b>Watchdog Timer</b>	Software programmable from 4ms to 1hour
<b>VGA</b>	AGP Rev.2.0 compliant Shared system memory up to 64MB (Default 8 MB) Support resolution up to 1,280x1,024 true colors VGA interface support
<b>LAN</b>	Realtek 8100B 32-bit PCI Full Duplex Ethernet Controller Throughput 10/100Mbps
<b>Flash Disk Support</b>	MSTI EmbedDisk Module (16MB and above) PQI DiskOnModule (16MB and above)
<b>I/O Interface</b>	Enhanced IDE port x1 RS-232 port x1 RS-232/485 port x1 Parallel port x1 USB port x2 (Ver. 1.1) 10/100Mbps Ethernet port x1
<b>Connectors</b>	2.0mm 44-pin header for IDE x1 2.0mm 26-pin box header for Printer x1 2.0mm 20-pin socket for LPC connection x1 2.0mm 10-pin box header for RS-232 x2 2.0mm 10-pin box header for USB x1 2.0mm 10-pin box header for VGA x1 2.0mm 8-pin header for Ethernet x1 2.54mm 5-pin box header for Keyboard x1 2.54mm 5-pin header for Mouse x1 2.54mm 2-pin header for RS-485 x1 2.54mm 2-pin header for Reset x1
<b>Power Requirement</b>	Single Voltage +5 V @ 960 mA
<b>Weight</b>	82g
<b>Board Size</b>	100 X 66mm (3.93 x 2.59 inches)
<b>Operating Temperature</b>	-20°C ~ +70°C

## Expansion Module Selection



## Packing List

- Vortex86-6082 x1
- CD for User's Manual & Driver x1
- Cable
- HDD 44P (2.Q) x1
- PRINT (2.Q) x1
- RS-232(2.Q) x2
- VGA (2.Q) x1
- NET 4x2(2.Q) x1
- USB (2.Q) x1
- PS2 KB White x1
- PS2 KB (TEST) Black x1

## Ordering Information

- **Vortex86-6082** Vortex86 Tiny CPU Module
- **Vortex86-6083** Tiny x-PCI Dual LAN Module
- **Vortex86-6083L1** Tiny x-PCI Single LAN Module
- **Vortex86-6083-Mini-PCI** Tiny Mini-PCI to x-PCI Module
- **Mini PCI Wireless LAN Card** Wireless module for Mini-PCI interface
- **Vortex86-6084AV** Tiny x-PCI Video Captured & Audio I/O Module
- **Vortex86-6084A** Tiny x-PCI Audio I/O Module
- **Vortex86-6084V** Tiny x-PCI Video Capture Module
- **Vortex86-6085** Tiny x-PCI PCMCIA I/O Module