

Unit: mm

### Specifications

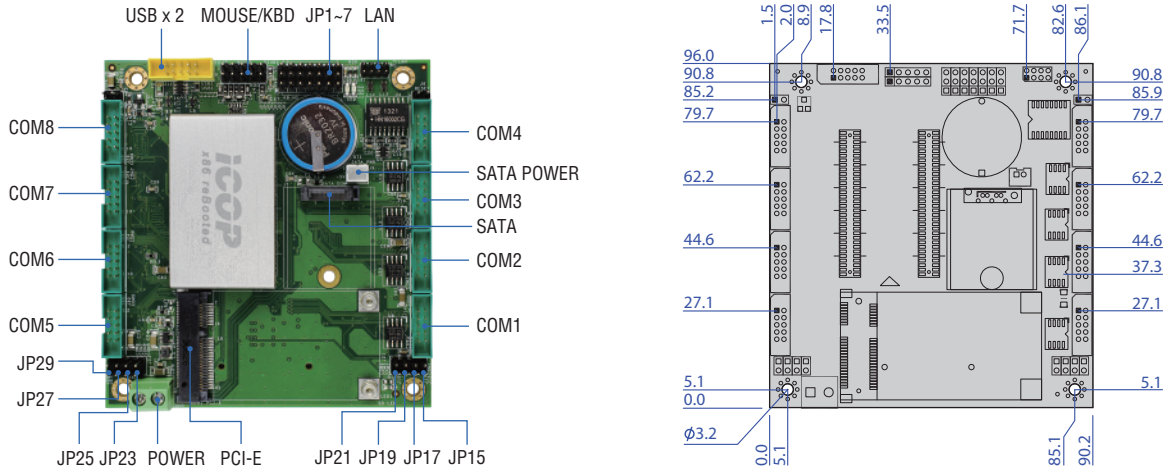
<b>Processor</b>	DM&P SoC CPU Vortex86EX- 400MHz Real Time Clock with Lithium Battery Backup
<b>Cache</b>	L1:16K I-Cache, 16K D-Cache,L2 Cache 256KB
<b>System Memory</b>	128MB DDR3 Onboard
<b>Flash Disk Support</b>	Onboard 4MB SPI Flash Disk Onboard eMMC 512MB (Optional) SD card slot (Optional) SATA 7pin connector
<b>I/O Interface</b>	RS-232 port x3 RS-232/485 port x1 USB port (Ver2.0) x3 16-bit GPIO port x1 I <sup>2</sup> C port x1 CAN BUS port x1 A/D port x1 (8 CH) PCI-E connector x1
<b>Connectors</b>	2.0mm 20-pin box header for 16-bit GPIO x1 2.0mm 10-pin box header for USB x1 2.0mm 10-pin box header for RS-232 x4 2.0mm 10-pin header for LAN x1 2.0mm 10-pin header for A/D x1 2.54mm 2-pin header for Reset x1 2.54mm 5-pin header for Keyboard x1 2.54mm 5-pin header for Mouse x1 2.54mm 3-pin header for CAN BUS x1 1.2mm 6-pin wafer for I <sup>2</sup> C x1 1.25mm 4-pin wafer for Line-out/MIC-in x2
<b>Power Requirement</b>	Single Voltage +5V@400mA
<b>Weight</b>	63g
<b>Dimensions</b>	96mm X 90.2mm (3.78 x 3.55 inches)
<b>Operating Temperature</b>	-20°C ~ +70 °C
<b>Operating System Support</b>	DOS, WinCE6.0, WinCE7.0, Linux

### Packing List

- VEX-6254 x 1
- Cable  
RS-232 (2.54) x 4  
GPIO (2.54) x 1  
USB (2.54) x 2  
PRINT (2.54) x 1  
Audio Line x 2  
NET 4x2 (2.0) x 1  
PS/2 Mouse cable x 1  
PS/2 Keyboard cable x 1

### Ordering information

- **VEX-6254** Vortex86EX PC104 CPU Module
- **VEX-6254-S** Vortex86EX PC104 CPU Module for SD
- **VEX-6254-E** Vortex86EX PC104 CPU Module for eMMC 512M



Unit: mm

### Specifications

<b>Processor</b>	DM&P SoC CPU Vortex86EX- 400MHz Real Time Clock with Lithium Battery Backup
<b>Cache</b>	L1:16K I-Cache, 16K D-Cache, L2 Cache 128KB
<b>System Memory</b>	128MB DDR3 Onboard
<b>LAN</b>	Integrated 10/100Mbps Ethernet x1
<b>Flash Disk Support</b>	Onboard eMMC 512MB (Optional) SD card slot (Optional) SATA 7pin connector
<b>I/O Interface</b>	RS-232 port x7 RS-232/485 port x1 USB port (Ver2.0) x2 PCI-E connector x1
<b>Connectors</b>	2.0mm 10-pin box header for USB x1 2.0mm 10-pin box header for RS-232 x8 2.0mm 10-pin header for LAN x1 2.54mm 2-pin header for Reset x1 2.54mm 5-pin header for Keyboard x1 2.54mm 5-pin header for Mouse x1
<b>Power Requirement</b>	Single Voltage +5V@380mA
<b>Weight</b>	63g
<b>Dimensions</b>	96mm X 90.2mm (3.78 x 3.55 inches)
<b>Operating Temperature</b>	-20°C ~ +70 °C
<b>Operating System Support</b>	DOS, WinCE6.0, WinCE7.0, Linux

### Packing List

- VEX-6252 x 1
- Cable  
RS-232 (2.0) x 8  
USB (2.0) x 1  
PS/2 Mouse cable x 1  
PS/2 Keyboard cable x 1  
NET 4x2 (2.0) x 1

### Ordering information

- **VEX-6252** Vortex86EX PC104 CPU Module
- **VEX-6252-S** Vortex86EX PC104 CPU Module for SD
- **VEX-6252-E** Vortex86EX PC104 CPU Module for eMMC 512M