

\*Compatible with ICOP-6017-X

Unit: mm

## Specifications

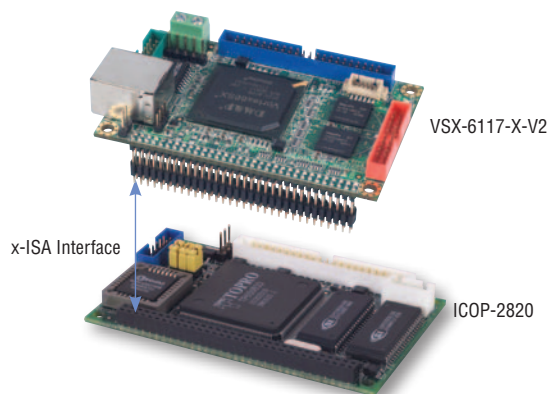
<b>SoC</b>	DM&P SoC CPU Vortex86SX- 300MHz Real Time Clock with Lithium Battery Backup
<b>Cache</b>	L1:16K I-Cache, 16K D-Cache
<b>Bus</b>	16-bit x-ISA interface
<b>BIOS</b>	AMI BIOS
<b>System Memory</b>	128/256MB DDR2 Onboard
<b>Watchdog Timer 0 &amp; 1 Sets</b>	Software programmable from 30.5 $\mu$ sec. to 512 sec. x 2 sets (Watchdog 1 fully compatible with M6117D)
<b>LAN</b>	Integrated 10/100Mbps Ethernet
<b>Flash Disk Support</b>	Onboard 2MB SPI Flash Disk MSTI EmbedDisk Module (16MB and above)
<b>I/O Interface</b>	Enhanced IDE port x1 RS-232 port x1 16-bit GPIO port x1 10/100Mbps Ethernet port x1
<b>Connectors</b>	2.0mm 44-pin box header for IDE x1 2.0mm 20-pin box header for 16-bit GPIO x1 2.0mm 10-pin box header for RS-232 x1 2.0mm 4-pin header for USB x1 2.54mm 5-pin header for Keyboard x1 1.25mm 6-pin wafer for JTAG x1 External RJ-45 connector for Ethernet x1
<b>Power Requirement</b>	Single Voltage +5V @ 320mA
<b>Weight</b>	42g
<b>Board Size</b>	80 x 50mm (3.14 x 1.96 inches)
<b>Operating Temperature</b>	-20°C ~ +70°C -40°C ~ +85°C (Optional)

## Packing List

- VSX-6117-X-V2 x1
- CD for User's Manual & Driver x1
- Cable  
HDD 44P (2.0) x1  
RS-232 (2.0) x1  
GPIO (2.0) x1  
PS2 KB Black x1

## Ordering information

- **VSX-6117-X-V2** Vortex86SX Mity-Mite CPU Module with 128MB DDR2
- **ICOP-2820** Mity-Mite VGA/LCD Development Kit



VGA function support via x-ISA interface