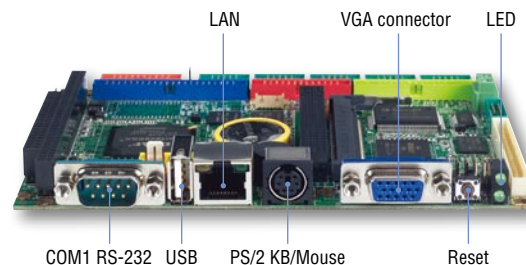


## Specifications

<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>	PC/104+ standard compliant
<b>BIOS</b>	AMI BIOS
<b>System Memory</b>	128/256MB DDR2 Onboard
<b>Watchdog Timer 0 &amp; 1 Sets</b>	Software programmable from 30.5µ sec. to 512 sec. x 2 sets (Watchdog 1 fully compatible with M6117D)
<b>VGA</b>	XGI Volari Z9s Chipset VGA and TFT/LVDS Flat Panel Interface Support Onboard 32MB VGA Memory, support resolution up to 1280 x 1024, 16M colors
<b>LAN</b>	Integrated 10/100Mbps Ethernet
<b>Flash Disk Support</b>	Onboard 2MB SPI Flash Disk MST1 EmbedDisk Module (16MB and above) Compact Flash Type I/II
<b>SRAM support</b>	512KB (optional)
<b>I/O Interface</b>	Enhanced IDE port x1 FDD x 1 RS-232 port x7 RS-232/422/485 port x1 USB port (Ver2.0) x3 Parallel 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 44-pin box header for LCD x1 2.0mm 34-pin box header for FDD x 1 2.0mm 26-pin box header for Printer x1 2.0mm 20-pin box header for 16-bit GPIO x1 2.0mm 16-pin header for LVDS x1 2.0mm 10-pin box header for RS-232 x7 2.0mm 10-pin box header for USB x1 2.54mm 4-pin header for +12V, -12V, -5V, GND x 1 2.54mm 3-pin header for RS-485 x1 1.25mm 6-pin wafer for JTAG x1 0.8mm 124-pin Mini-PCI card connector x 1 External 15-pin D-Sub female connector for VGA x1 External 9-pin D-Sub male connector for RS-232 x1 External RJ-45 connector for Ethernet x1 External USB connector x 1 External Mini DIN connector for Keyboard/Mouse x1 Type I/II Compact Flash Slot x1

<b>Power Requirement</b>	Single Voltage +5V @ 800mA
<b>Weight</b>	148g
<b>Board Size</b>	102 x 144mm (4.01 x 5.67 inches)
<b>Operating Temperature</b>	-20°C ~ +70°C -40°C ~ +85°C (Optional)



## Packing List

- VSX-6127-V2 x1
- CD for User's Manual & Driver x1
- Cable
  - HDD 44P (2.0) x1
  - FDD 34P (2.0) x1
  - PRINT (2.0) x1
  - USB (2.0) x1
  - GPIO (2.0) x1
  - RS-232 (2.0) x7
  - YKB x1

## Ordering information

- **VSX-6127-V2** Vortex86SX 3.5" CPU Module with 128MB DDR2