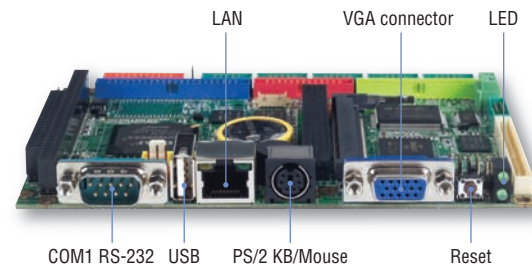


Specifications

SoC	DM&P SoC CPU Vortex86SX- 300MHz Real Time Clock with Lithium Battery Backup
Cache	L1:16K I-Cache, 16K D-Cache
Bus	PC/104+ standard compliant
BIOS	AMI BIOS
System Memory	128MB DDR2 Onboard
Watchdog Timer 0 & 1 Sets	Software programmable from 30.5µ sec. to 512 sec. x 2 sets (Watchdog 1 fully compatible with M6117D)
VGA	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
LAN	Integrated 10/100Mbps Ethernet
Flash Disk Support	Onboard 2MB SPI Flash Disk MSTI EmbedDisk Module (16MB and above) Compact Flash Type I/II
I/O Interface	Enhanced IDE port (UltraDMA-100/66/33) x1 FDD x 1 RS-232 port x7 RS-232/485 port x1 USB port (Ver2.0) x3 Parallel port x1 16-bit GPIO port x2 10/100Mbps Ethernet port x1
Connectors	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 x2 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 Slotx1

Power Requirement	Single Voltage +5V @ 620mA
Weight	148g
Board Size	102 X 144mm (4.01 x 5.67 inches)
Operating Temperature	-20°C ~ +70°C -40°C ~ +85°C (Optional)



Packing List

- VSX-6127 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) x2
RS-232 (2.0) x7
YKB x1

Ordering information

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