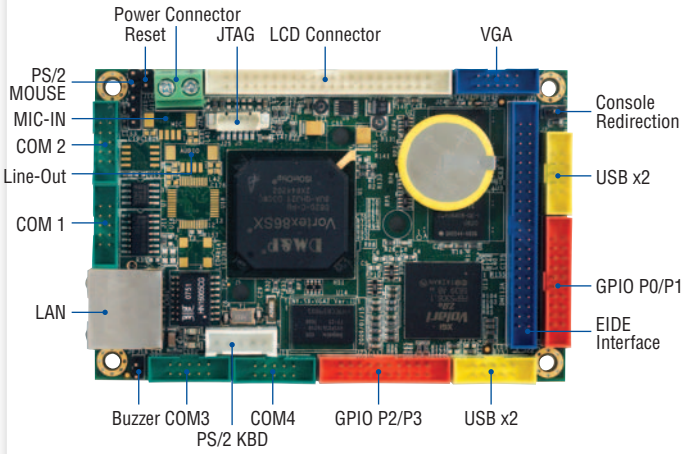
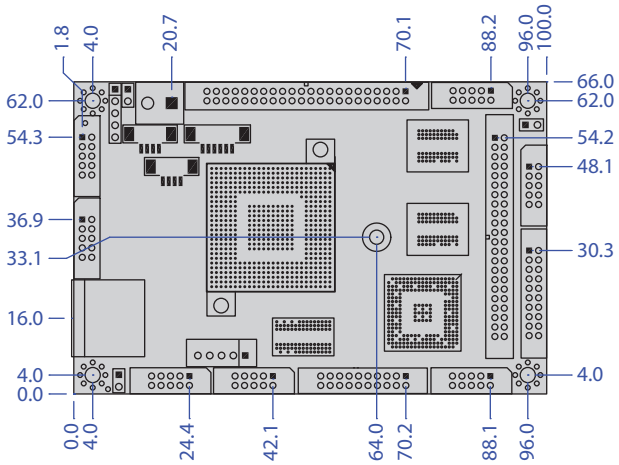
VSX-6118-V2

128MB/4S/4USB/VGA/LCD/LAN/2GPIO





Unit: mm

Specifications

SoC	DM&P SoC CPU Vortex86SX- 300MHz Real Time Clock with Lithium Battery Backup
Cache	L1:16K I-Cache, 16K D-Cache
BIOS	AMI BIOS
System Memory	128/256MB 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 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)
I/O Interface	Enhanced IDE port x1 RS-232 port x3 RS-232/485 port x1 USB port (Ver2.0) x4 16-bit GPIO port x2 10/100Mbps Ethernet port x1
Connectors	2.0mm 44-pin box header for IDE x1 2.0mm 20-pin box header for 16-bit GPIO x2 2.0mm 10-pin box header for RS-232 x4 2.0mm 10-pin box header for USB x2 2.0mm 10-pin box header for VGA x1 2.0mm 44-pin box header for LCD x1 2.54mm 5-pin box header for Keyboard x1 2.54mm 5-pin header for Mouse x1 2.54mm 3-pin header for RS-485 x1 1.25mm 6-pin wafer for JTAG x1 External RJ-45 connector for Ethernet x1
Power Requirement	Single Voltage +5V @ 600mA
Weight	60g
Board Size	100 x 66mm (3.94 x 2.6 inches)
Operating Temperature	-20°C ~ +70°C -40°C ~ +85°C (Optional)

Packing List

- VSX-6118-V2 x1
- CD for User's Manual & Driver x1
- Cable
  HDD 44P (2.0) x1
  RS-232 (2.0) x4
  USB (2.0) x2
  GPIO (2.0) x2
  PS2 KB White x1
  PS2 Mouse Black x1

Ordering information

- **VSX-6118-V2** Vortex86SX Tiny CPU Module with 128MB DDR2

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