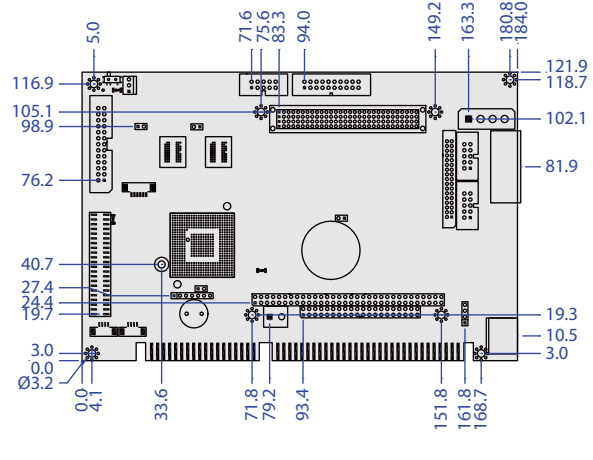
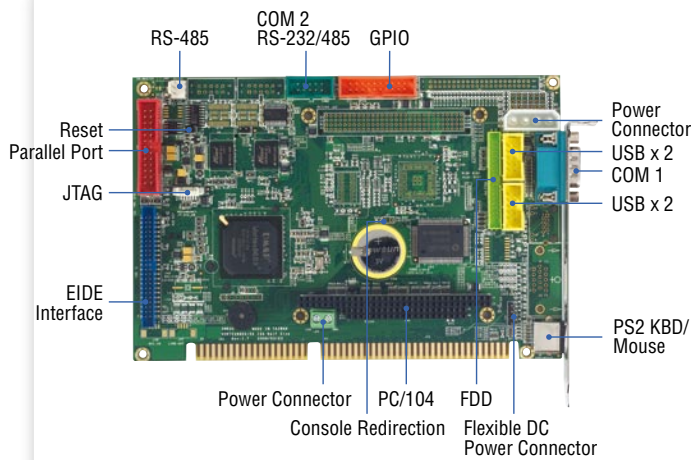


# VSX-6121-FD-V2

## VSX-6121-V2

128MB/2S/4USB/GPIO/FDD



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>	PC/104 standard compliant PCI-104 (Optional)
<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>Flash Disk Support</b>	Onboard 2MB SPI Flash Disk MSTI EmbedDisk Module (16MB and above) Compact Flash Type I/II (Optional)
<b>SRAM support</b>	512KB (Optional)
<b>I/O Interface</b>	Enhanced IDE port x1 FDD x1 RS-232 port x 1 RS-232/485 port x1 USB port (Ver2.0) x4 Parallel port x1 16-bit GPIO port x1
<b>Connectors</b>	2.0mm 44-pin box header for IDE x1 2.0mm 34-pin box header for FDD x1 2.54mm 26-pin box header for Printer x1 2.54mm 20-pin box header for 16-bit GPIO x1 2.54mm 10-pin box header for RS-232 x1 2.54mm 10-pin box header for USB x2 2.54mm 7-pin header for Redundancy Signal x1 (Optional) 2.54mm 3-pin header for RS-485 x1 2.54mm 2-pin header for System-Fail-SW x1 (Optional) 2.54mm 4-pin header for -5V, -12V, +12V, GND, DC-in x1 1.25mm 6-pin wafer for JTAG x1 4-pin male power connector x1 External 9-pin D-Sub male connector for RS-232 x1 External Mini DIN connector for Keyboard/Mouse x1
<b>Power Requirement</b>	Single Voltag +5V @ 360mA / 340mA

<b>Weight</b>	156g
<b>Board Size</b>	184 x 122mm (7.24 x 4.80 inches)
<b>Operating Temperature</b>	-20°C ~ +70°C -40°C ~ +85°C (Optional)

## Packing List

- VSX-6121-FD-V2 x1
- CD for User's Manual & Driver x1
- Cable  
HDD 40P (2.54) x1  
FDD (2.0) x1  
PRINT (2.54) x1  
USB (2.54) x2  
GPIO (2.54) x1  
RS-232 (2.54) x1  
YKB x1

## Ordering information

- **VSX-6121-FD-V2** Vortex86SX Half-Size CPU Module with 128MB DDR2+FDD
- **VSX-6121-V2** Vortex86SX Half-Size CPU Module with 128MB DDR2