



Unit: mm

Specifications

SoC	DM&P SoC CPU Vortex86DX- 800MHz Real Time Clock with Lithium Battery Backup
Cache	L1:16K I-Cache, 16K D-Cache L2 Cache 128KB
Bus	PC/104 standard compliant 32-bit x-PCI interface, compatible with PCI Rev.2.1
BIOS	AMI BIOS
System Memory	256/512MB DDR2 Onboard
Watchdog Timer	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 1280x1024, 16M colors
LAN	Realtek 8100B 10/100Mbps Ethernet Controller Half/Full duplex capability
Audio	CM119 USB Audio controller
Flash Disk Support	Onboard 4MB SPI Flash Disk MSTI EmbedDisk Module (16MB and above) Compact Flash Type I/II 44-pin IDE to Micro SD (Optional)
SRAM Support	512KB (Optional)
I/O Interface	Enhanced IDE port (UltraDMA-100/66/33) x1 FDD x 1 RS-232 port x5 RS-232/422/485 port x1 USB port (2.0) x2 Parallel port x1 10/100Mbps Ethernet port x2
Connectors	2.54mm 4-pin header for +12V, -12V, -5V, GND x 1 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 2.54mm 2-pin header for Reset x1 2.0mm 8-pin header for Ethernet x2 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 10-pin box header for RS-232 x6 2.0mm 10-pin box header for USB x1 2.0mm 10-pin box header for VGA x1 2.0mm 4-pin wafer for Line-out/MIC-in x2 1.25mm 6-pin wafer for JTAG x1 Type I/II Compact Flash Slot x1

Power Requirement	Single Voltage +5V @ 800mA
Weight	150g
Board Size	102 x 144mm (4.01 x 5.67 inches)
Operating Temperature	-20°C ~ +70°C -40°C ~ +85°C (Optional)

Packing List

- VDX-6329 x1
- CD for User's Manual & Driver x1
- Cable
 - HDD 44P (2.0) x1
 - FDD 44P (2.0) x1
 - PRINT (2.0) x1
 - VGA (2.0) x1
 - USB (2.0) x1
 - RS-232 (2.0) x6
 - Audio Line x2
 - PS2 KB White x1
 - PS2 KB (TEST) Black x1
 - NET 4x2 (2.0) x2

Ordering information

- **VDX-6329** Vortex86DX 3.5" CPU Module with 256MB DDR2
- **VDX-6329-512** Vortex86DX 3.5" CPU Module with 512MB DDR2



Compact Flash Type I/II

1

µProcessor Module

2

Mity/Tiny CPU Module

3

PC/104 CPU Module

4

Hall-Size CPU Module

5

3.5" CPU Module

6

Peripheral Module

7

Display Product Series

8

Accessories & Technical Information