

VDX-6328RD-NF



Specifications

CPU	DM&P SoC CPU Vortex86DX – 800MHz L1:16K I-Cache, 16K D-Cache L2 Cache 128KB			
RAM	256/512MB DDR2 Onboard			
BIOS	AMI BIOS			
Bus	PC/104+ Standard Compliant			
Display	XGI Volari Z9s Chipset with VGA, TFT-LCD, and 18-bit LVDS Flat Panel Interface Support			
	Onboard 32MB VGA Memoery			
	VGA: Maximum resolution up to 1280 x 1024 @ 60Hz LVDS/TTL-LCD: Maximum resolution up to 1024 x 768 @ 60Hz			
LAN	Integrated 10/100Mbps Ethernet x1			
Disk Support	IDE DoM	Compact Flash	Onboard 4MB SPI Flash Disk	
SRAM Support	512KB (Optional)			
I/O Interface	RS232 x3 16-bit GPIO x1	RS232/422/485 x1 Audio	USB (Ver. 2.0)) x3	Parallel x1
Connectors	2.54mm 4-pin pin header for +12V, -12V, -5V, GND x1 2.54mm 104-pin PC/104 connector x1 2.0mm 44-pin box header for LCD x1 2.0mm 10-pin box header for RS232 x3 15-pin D-Sub female connector for VGA x1 Mini DIN connector for Keyboard/Mouse x1 0.8mm 124-pin Mini PCI connector x 1 (Optional)	2.54mm 2-pin pin header for Reset x1 2.0mm 16-pin pin header for LVDS x1 2.0mm 26pin box header for Parallel x1 2.0mm 10-pin box header for USB x1 9-pin D-Sub female connector for RS232 x1 Type I/II Compact Flash Slot x1	2.54mm 3-pin pin header for RS485x1 2.0mm 44-pin box header for IDE x1 2.0mm 20-pin box header for 16-bit GPIO x1 1.25mm 4-pin wafer for Line-in/MIC-out x2 RJ45 connector for Ethernet x1 USB connector x1	
Power Requirement	DC +5V @ 840mA			
Operating Temperature	-20°C - +70°C -40°C - +85°C (Optional)			
Dimension	102 x 146mm			
Weight	150g			
O/S Supporter	Windows Embedded 2009 Linux VxWorks	Windows Embedded CE6.0 DOS	Windows Emnedded CE5.0 POS Readu (WePOS)	Windows 98SE Free BSD

Ordering Information

PART NO.	CPU (MHz)	DRAM (DDR2)	Storage	Display	LAN	RS232/RS485	USB	Parallel	GPIO	PC/104+	Audio
VDX-6328RD-NF	800MHz	256MB	IDE 4MB SPI CF	VGA LVDS TFT-LCD	1	3/1	3	1	16	1	MIC-in Line-out
VDX-6328RD-NF-512	800MHz	512MB	IDE 4MB SPI CF	VGA LVDS TFT-LCD	1	3/1	3	1	16	1	MIC-in Line-out